

# PACIFIC TRANSMISSION SUPPLY COMPANY

212 GOODSTEIN BUILDING  
P. O. BOX 3093  
CASPER, WYOMING 82602  
(307) 265-1027

December 19, 1977

Mr. Cleon B. Feight  
Division of Oil, Gas & Mining  
STATE OF UTAH  
1588 West North Temple  
Salt Lake City, Utah 84116

Reference: PTS #41-9 Federal  
NE-NE Sec. 9-T9S-R24E  
Uintah County, Utah

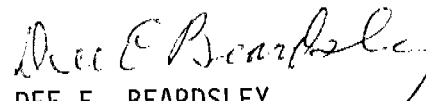
Dear Mr. Feight,

Pacific Transmission Supply Company proposes to drill the captioned well.  
Enclosed are the following documents relative to the well:

1. Application for Permit to Drill
2. Well Prognosis
3. Casing, BOP and Pressure Containment Data
4. Thirteen Point Surface Use Plan
5. Surveyor's Plat

Should your office require additional information, please do not hesitate to contact this office.

Very truly yours,

  
DEE E. BEARDSLEY  
District Manager

DEB:a  
cc: Mr. Edgar W. Gynn  
Mr. J. L. Wroble

encl.

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

## APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

## 1a. TYPE OF WORK

DRILL ☒DEEPEN ☐PLUG BACK ☐

## b. TYPE OF WELL

OIL  
WELL ☐GAS  
WELL ☒

OTHER

SINGLE  
ZONE ☐MULTIPLE  
ZONE ☐

## 2. NAME OF OPERATOR

PACIFIC TRANSMISSION SUPPLY COMPANY

## 3. ADDRESS OF OPERATOR

P. O. Box 3093, Casper, Wyoming 82602

## 4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)\*

At surface

852' FNL, 618' FEL (NE-NE) Sec. 9-T9S-R24E, SLM

At proposed prod. zone

## 14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE\*

## 15. DISTANCE FROM PROPOSED\*

LOCATION TO NEAREST  
PROPERTY OR LEASE LINE, FT.  
(Also to nearest drlg. unit line, if any)

## 16. NO. OF ACRES IN LEASE

280

17. NO. OF ACRES ASSIGNED  
TO THIS WELL

280

## 18. DISTANCE FROM PROPOSED LOCATION\*

TO NEAREST WELL, DRILLING, COMPLETED,  
OR APPLIED FOR, ON THIS LEASE, FT.

## 19. PROPOSED DEPTH

7800

## 20. ROTARY OR CABLE TOOLS

Rotary

## 21. ELEVATIONS (Show whether DF, RT, GR, etc.)

5137' Ungraded Ground

## 22. APPROX. DATE WORK WILL START\*

1-1-1978

## 23.

## PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
17-1/4"	13-3/8"	48	75'	150 sacks
12-1/4"	9-5/8"	36	2400'	250 sacks
7-7/8"	4-1/2"	11.6	As required	

Operator proposes to drill a 7800' well to penetrate the Mesaverde and Castlegate formations. Should commercial shows of oil or gas be found, a string of 4-1/2" casing will be run and cemented. The well will be drilled according to the attached prognosis and BOP equipment will be maintained at all times according to the pressure containment plan attached.

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

## 24.

SIGNED

*Dec E. Beardsley*  
Dec E. Beardsley

TITLE

District Manager

DATE

Dec 19, 1977

(This space for Federal or State office use)

PERMIT NO.

43-047-30339

APPROVAL DATE

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

WELL PROGNOSIS  
PTS #41-9 FEDERAL  
UINTAH COUNTY, UTAH

LOCATION: 852' from North Line  
618' from East Line  
NE-NE Section 9, Township 9 South, Range 24 East, SLM  
Uintah County, Utah

The PTS #41-9 Federal will be drilled by Pacific Transmission Supply Company on the Devils Playground Unit. Drilling is scheduled to begin immediately upon approval as rig is available.

OPERATOR: Pacific Transmission Supply Company  
LEASE: U-5217  
ELEVATION: 5137' Ungraded Ground  
DRILLING CONTRACTOR: Anderson Drilling Company

FORMATION TOPS AND DATUM:

	<u>Depth</u>	<u>Datum</u>
Green River	715'	+4420'
Parachute CK	1492'	+3643'
H-Marker	2590'	+2545'
Wasatch	3813'	+1322'
Mesaverde	5439'	- 304'
Neslen Facies (Kmv)	6573'	-1438'
Castlegate	7580'	-2445'
Total Depth	7800'	

SAMPLE COLLECTION:

Ten (10) foot samples from under surface to total depth. Samples will be collected by drilling crew for the wellsite geologist. Two sets of samples will be caught in the oil shale section of the Green River Formation - one set to be sent to the Bureau of Mines, Laramie Energy Research Center, 9th and Lewis, Laramie, Wyoming 82070, attention Pete Dana.

LOGGING PROGRAM:

Run #1 Log interval under surface casing to total depth  
-Dual Induction Laterolog

Run #2 -Dual Laterolog  
-Borehole Compensated Sonic with Gamma Ray and Hole Caliper  
-Compensated Formation Density with Gamma Ray and Hole Caliper

All logs to be recorded on magnetic tape

MUD LOGGING:

Portable mud logging unit operated by wellsite geologist. Mud logging unit should be in operation from below surface casing.

DRILLSTEM TESTING:

All significant shows of oil and gas will be drillstem tested.

MUD PROGRAM:

<u>Interval Feet</u>	<u>Mud Weight lb/gal.</u>	<u>Viscosity Sec./qt</u>	<u>Fluid Loss ML/30 min.</u>	<u>Mud - Type</u>
0-75	Dry hole digger			
75-2400'	8.4-8.7	26-29	No control	Water/floculent
2400-5400'	8.7-9.0	26-29	No control	Salt water 60-80,000 PPM
5400'-TD	9.2-9.5	34-45	12 cc/less	Salt mud 60,000 PPM

Mud system from under surface to total depth to contain approximately 180 PPM nitrates to verify filtrate water.

DRILLING PROGRAM:

- 1) Move in dry hole digger and drill 14-3/4" hole for surface casing. Set surface and WOC. Surface to be 10-3/4", 40.5 #/ft., K-55. Air compressors and booster should be on standby and rigged up to areate the mud system in the event loss circulation occurs. ARRANGEMENTS FOR AIR/EQUIPMENT SHOULD BE CONFIRMED A MINIMUM OF 30 DAYS IN ADVANCE OF SPUD DATE. Plu D
- 2) Move on main drilling rig and drill out from under 13-3/8" casing with 12-1/4" hole to 2400'. Log and prepare hole for intermediate casing.
- 3) Set 2400' of 9-5/8", 36 #/ft., K-55 casing, WOC.
- 4) Drill out from under 9-5/8" casing with 7-7/8" hole to total depth. Log and evaluate well.
- 5) In the event that the Mesaverde and/or Wasatch is found productive, a string of 4-1/2", 11.6 #/ft, K-55 casing will be run and cemented across the potential zones.
- 6) Release rig and develop completion procedure.

PERSONNEL AND MAILING INFORMATION:

Dee E. Beardsley, District Manager  
Pacific Transmission Supply Company  
P. O. Box 3093  
Casper, Wyoming 82602  
Telephone: Office (307) 265-1027  
Home (307) 234-7666

B. W. Allen, Engineer  
P. O. Box 2352  
Casper, Wyoming 82602  
Telephone: Office (307) 234-3571  
Home (307) 237-9023

E. E. Mulholland, Operations Engineer  
Pacific Transmission Supply Company  
P. O. Box 3093  
Casper, Wyoming 82602  
Telephone: Office (307) 265-1027  
Home (307) 265-4191

NOTIFICATION OF SHOWS, DST'S & UNUSUAL PROBLEMS:

Dee E. Beardsley	Office: (307) 265-1027	Home: (307) 234-7666
J. L. Wroble	(303) 571-1662	(303) 798-6175
Sam Boltz, Jr.	(303) 861-5858	(303) 355-4881
E. E. Mulholland	(307) 265-1027	(307) 265-4191
B. W. Allen	(307) 234-3571	(303) 237-9023



WELL PROGNOSIS  
PTS #41-9 Federal  
Uintah County, Utah

-3-

DISTRIBUTION OF INFORMATION:

PACIFIC TRANSMISSION SUPPLY COMPANY  
P. O. Box 3093  
Casper, Wyoming 82602  
Attention: Dee E. Beardsley

PACIFIC TRANSMISSION SUPPLY COMPANY  
633-17th Street, Suite 2140  
Denver, Colorado 80202  
Attention: J. L. Wroble

CHORNEY OIL COMPANY  
401 Lincoln Tower Building  
Denver, Colorado 80295  
Attention: Mr. Sam Boltz, Jr.

Mr. B. W. Allen  
P. O. Box 2352  
Casper, Wyoming 82602

DIVISION OF OIL, GAS & MINING  
1588 West North Temple  
Salt Lake City, Utah 84116  
Attention: Chief Petroleum Engineer

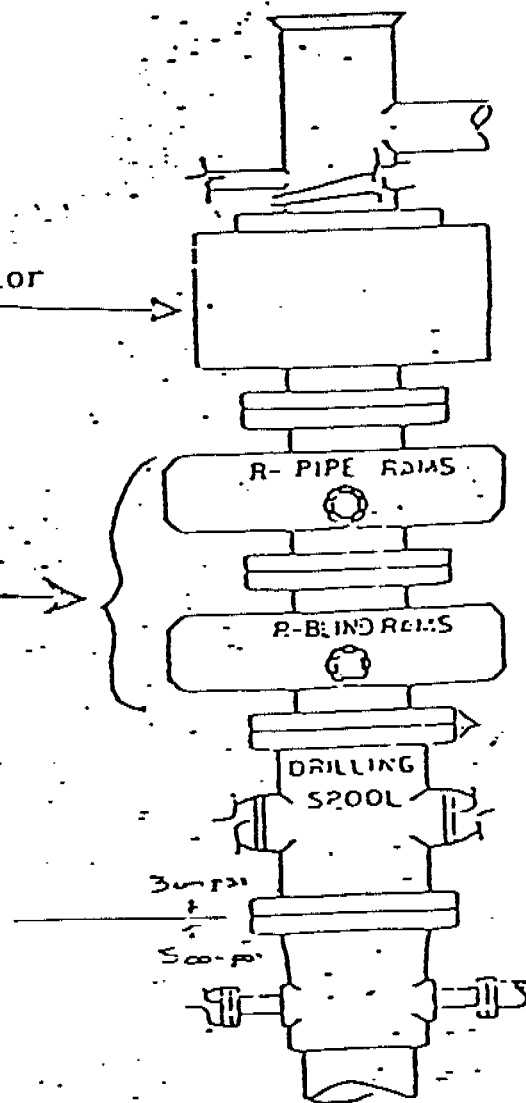
U. S. GEOLOGICAL SURVEY  
8426 Federal Building  
Salt Lake City, Utah 84138  
Attention: Mr. Edgar W. Gynn  
District Engineer

CASING, BOP AND PRESSURE CONTAINMENT DATA

1. Surface casing: 13-3/8", 75', K-55, 48 #/ft., new. Casing will be set and cemented to surface. WOC 12 hours.
2. Casing heads, flanges and spools: All casing heads, flanges and spools to be 900 series or stronger. The christmas tree to be installed, if required, will be at 3000 psi W.P.
3. Intermediate string: 9-5/8", 36#, 2400'.
4. Production casing: 4-1/2" as required, J-55, 11.6 #/ft., LTC, new. Casing will be set and cemented through productive formations. WOC a minimum of 12 hours.
5. Blowout Preventer: The rig to be used on the location will be equipped with a 10" - 900 series double gate BOP and a Hydril, 900 series BOP. See below. Blowout preventers shall be mechanically checked at least once per day while drilling.
6. Auxiliary equipment to be used: Lower kelly cock, open stabbing floor valve, 2-1/2" choke manifold, 300 psi W.P. or better.
7. Formation pressure anticipated is 2900 to 3000 psi.
8. Drilling Fluid: Salt water and salt water base low solids mud system. Rig will be equipped with a degasser through expected gas-bearing zones.

10" Annular Preventor  
900 series

10"  
900 Series  
Double-Gate



PACIFIC TRANSMISSION SUPPLY COMPANY

13 Point Surface Use Plan

for

Well Location

#41-9 Devil's Playground Unit

Located In

Section 9, T9S, R24E, S.L.B.&M.

Uintah County, Utah

1. EXISTING ROADS

See attached Topographic Map "A", to reach the Pacific Transmission Supply Company well location, #41-9 Devil's Playground Unit, located in Section 9, T9S, R24E, S.L.B. & M. from Vernal, Utah.

Proceed East out of Vernal, Utah along U.S. Highway 40, 24 miles to the junction of this Highway and Utah State Highway 45 to the South; proceed South along Utah State Highway 45, 18.4 miles to the junction of this road and the proposed access road to be discussed in Item # 2.

At the present time, there is no construction anticipated along any portion of the above described road.

2. PLANNED ACCESS ROAD

See Topographic Map "B".

The proposed access road leaves the existing Utah State Highway 45 in the S 1/2 N 1/2 Section 3, T9S, R24E, S.L.B. & M. and proceeds down a small ridge 1.2 miles to the proposed well location site.

In order to facilitate the anticipated traffic flow necessary to drill and produce this well, the following standards will be met.

This proposed access road will be an 18' crown road (9' either side of the centerline) with drain ditches along either side of the proposed road where it is determined necessary in order to handle any runoff from any normal meteorological conditions that are prevalent to this area.

Back slopes along the cut areas of the road will be 1 1/2 to 1 slopes and terraced.

The road will be centerline flagged prior to the commencement of construction.

The grade of this road will vary from flat to 8%, but will not exceed this amount. This road will be constructed from native borrow accumulated during construction.

If deemed necessary by the local governmental agencies or their representatives, turnouts will be installed for safety purposes every 0.25 miles or on the top of ridges that will provide the greatest sight distance. These turnouts will be 200' in length and 12' in width and will be tapered from the shoulder of the road for a distance of 50' in length at both the access and the outlet end.

Any fences that are encountered along this access road will be cut and replaced with a cattleguard with a minimum width of 18' and a loading factor large enough to facilitate the heavy trucks required in the drilling and production of this well.

2. PLANNED ACCESS ROAD - continued

If cattleguards are to be located at existing gates, they will be installed with the above requirements and with a new gate installed at one end of the cattleguard.

The access from the road to the gate will be of such a nature that there will be no impedance of traffic flow along the main access road and no difficulties encountered by traffic utilizing the gate, either leaving or entering the proposed access road.

The terrain that is traversed by this road is relatively flat and is vegetated with sparse amounts of sagebrush and grasses.

3. LOCATION OF EXISTING WELLS.

As shown on Topographic Map "B", there are no other wells within a one mile radius of the proposed well site. (See location plat for placement of Pacific Transmission Supply Co., well within the Section.)

4. LOCATION OF TANK BATTERIES, PRODUCTION FACILITIES, AND PRODUCTION GATHERING AND SERVICE LINES.

All petroleum production facilities are to be contained within the proposed location site. There are no other Pacific Transmission Supply Co. flow gathering, injection, or disposal lines within a one-mile radius of this location

In the event production is established, plans for a gas flow line from this location to existing gathering lines or a main production line shall be submitted to the appropriate agencies for approval.

The rehabilitation of the disturbed area that is not required for the production of this well, will meet the requirements of Items #7 and #10 and these requirements and standards will be adhered to.

5. LOCATION AND TYPE OF WATER SUPPLY

Water for this well will be hauled by truck from an existing loading ramp on the White River in the NE1/4 of Section 17, T9S, R22E, S.L.B. & M. approximately 7 miles to the South from the proposed well location.

6. SOURCE OF CONSTRUCTION MATERIALS

All construction materials for this location site and access road shall be borrow materials accumulated during construction of the location site and access road. No additional road gravels or pit lining material from other sources are anticipated at this time, but if they are required, the appropriate actions will be taken to acquire them from private sources.

## 7. METHODS FOR HANDLING WASTE DISPOSAL

See location layout Sheet.

A reserve and burn pit will be constructed.

The reserve pit will be approximately 8' deep and at least one half of this depth shall be below the surface of the existing ground.

One half of the reserve pit will be used as a fresh water storage area during the drilling of this well and the other one half will be used to store non-flammable materials such as cuttings, salts, drilling fluids, chemicals, produced fluids, etc.

If deemed necessary by the agencies concerned, to prevent contamination to surrounding areas, the reserve pits will be lined with a gel.

The pits will have wire and overhead flagging installed at such time as deemed necessary to protect the water fowl, wildlife, and domesticated animals.

At the onset of drilling, this reserve pit will be fenced on three sides and at the time the drilling activities are completed, it will be fenced on the fourth side and allowed to dry completely prior to the time that backfilling and reclamation activities are attempted.

When the reserve pit dries and the reclamation activities commence, the pits will be covered with a minimum of four feet of soil and all requirements in Item #10 will be followed.

The burn pits will be constructed and fenced on all four sides with a small mesh wire to prevent any flammable materials from escaping and creating a fire hazard.

All flammable materials will be burned and then buried upon completion of this well.

A portable chemical toilet will be supplied for human waste.

## 8. ANCILLARY FACILITIES

There are no ancillary facilities planned for at the present time and none foreseen in the near future.

## 9. WELL SITE LAYOUT

See location Layout Sheet.

The B.L.M. District Manager shall be notified before any construction begins on the proposed location site.

## 9. WELL SITE LAYOUT

As mentioned in Item #7, the pits will be unlined unless it is determined by the representatives of the agencies involved that the materials are too porous and would cause contamination to the surrounding area; then the pits will be lined with a gel and any other type material necessary to make it safe and tight.

When drilling activities commence, all work shall proceed in a neat and orderly sequence.

## 10. PLANS FOR RESTORATION OF SURFACE

As there is some topsoil on the location site, all topsoil shall be stripped and stockpiled. (See Location Layout Sheet and Item #9.) When all drilling and production activities have been completed, and the location site and access road will be reshaped to the original contour and stockpiled topsoil spread over the disturbed area.

Any drainages re-routed during the construction activities shall be restored to their original line of flow as near as possible. Fences around pits are to be removed upon completion of drilling activities and all waste being contained in the trash pit shall be buried with a minimum of 5' of cover.

As mentioned in Item #7, the reserve pit will be completely fenced and wired and overhead wire and flagging installed, if there is oil in the pits, and then allowed to completely dry before covering.

Restoration activities shall begin within 90 days after completion of the well. Once completion activities have begun, they shall be completed within 30 days.

When restoration activities have been completed, the location site and access ramp shall be reseeded with a seed mixture recommended by the B.L.M. District Manager when the moisture content of the soil is adequate for germination. The Lessee further covenants and agrees that all of said cleanup and restoration activities shall be done and performed in a diligent and most workmanlike manner and in strict conformity with the above mentioned Items #7 and #10.

## 11. OTHER INFORMATION

### The Topography of the General Area (See Topographic Map "A".)

The area is a basin formed by the Blue Mountain Plateau and Green River to the North and the White River and the Roan Plateau to the South.

The basin floor is interlaced with numerous canyons and ridges formed by the non-perennial streams of the area. The sides of these canyons are steep and ledges formed in sandstones, conglomerates and shale deposits are extremely common to the area.

The geologic structures of the area that are visible are of the Uinta formation (Eocene Epoch) Tertiary Period in the upper elevations and the cobblestone and younger alluvial deposits from the Quaternary Period.

11. OTHER INFORMATION - continued

Outcrops of sandstone ledges, conglomerate deposits and shale are common in this area.

The topsoil in the area range from a light brownish-gray sandy clay (SM-ML) type soil poorly graded gravels to a clayey (OL) type soil.

The majority of the numerous washes and streams in the area are of a non-perennial nature flowing during the early spring run-off and extremely heavy rain storms of long duration which are extremely rare as the normal annual rainfall in the area is only 8".

The White River to the South of this location is the only perennial stream that is affected by this location site.

Due to the low precipitation average, climate conditions and the marginal types of soils, the vegetation that is found in the area is common of the semi-arid region we are located in. It consists of areas of sagebrush, rabbit brush, some grasses and cacti as the primary flora. This is also true for the lower elevations.

The fauna of the area consists predominantly of the mule deer, coyotes, rabbits and varieties of small ground squirrels and other types of rodents. The area is used by man for the primary purpose of grazing domesticated sheep and cattle.

The birds of the area are raptors, finches, ground sparrows, magpies, crows, and jays.

The Topography of the Immediate Area (Topographic Map "B".)

#41-9 Devil's Playground Unit, is located on a relatively flat area approximately 2000' South of Coyote Wash.

The majority of the drainages in the area around this location run in a Northerly direction into the aforesaid Coyote Wash which is a tributary to the White River and are non-perennial streams.

The terrain in the vicinity of the location slopes to the North from a small ridge through the location site at approximately a 4% grade into a small wash to the North.

The vegetation in the immediate area surrounding the location site is predominantly sagebrush, and grasses.

There is a pipeline approximately 100' North of the proposed location site. There are no other occupied dwellings or other facilities of this nature in the general area.

There are no visible archaeological, historical, or cultural sites within any reasonable proximity of the proposed location site. (See Topographic Map "B".)



PACIFIC TRANSMISSION SUPPLY CO.  
#41-9 Devils Playground Unit  
Section 9, T9S-R24E, SLM

12. LESSEE'S OR OPERATOR'S REPRESENTATIVE

Dee E. Beardsley  
Pacific Transmission Supply Company  
P. O. Box 3093  
Casper, Wyoming 82602  
Phone: Office (307) 265-1027  
Home (307) 234-7666

13. CERTIFICATION

I hereby certify that I, or persons under my direct supervision, have inspected the proposed drillsite and access route; that I am familiar with the conditions which presently exist; that the statements made in this plan are, to the best of my knowledge and belief, true and correct; and that the work associated with the operations proposed herein will be performed by Pacific Transmission Supply Company and its contractors and sub-contractors in conformity with this plan and terms and conditions with this plan and the terms and conditions under which it is approved.

December 19, 1977

  
Dee E. Beardsley, District Manager

STATE OF UTAH  
DIVISION OF OIL, GAS AND MINING

\*\* FILE NOTATIONS \*\*

Date: Dec. 21-  
Operator: Pacific Transmission  
Well No: PTS 41-9 Federal  
Location: Sec. 9 T. 9S R. 24E County: Uintah

File Prepared: ☒ Entered on N.I.D.: ☒  
Card Indexed: ☒ Completion Sheet: ☒

API NUMBER: 43-047-30339

CHECKED BY:

Administrative Assistant [Signature]  
Remarks: No other wells in Sec. 9 -  
Petroleum Engineer OK [Signature]  
Remarks: 7  
Director [Signature]  
Remarks:

Note: Changed  
Surface eng. Program  
in Drilling program.  
Application O.K.

INCLUDE WITHIN APPROVAL LETTER:

Bond Required: ☒ Survey Plat Required: ☐  
Order No. ☐ Surface Casing Change ☐  
to ☐

Rule C-3(c), Topographic exception/company owns or controls acreage  
within a 660' radius of proposed site ☒  
O.K. Rule C-3 ☐ O.K. In Drilling Program Unit ☒  
Other:

[Signature] Letter Written/Approved

December 21, 1977

Pacific Transmission Supply Co.  
P.O. Box 3093  
Casper, Wyoming 82602

Re: Well No. Devils Playground Unit 41-9  
Sec. 9, T. 9 S, R. 24 E,  
Uintah County, Utah

Gentlemen:

Insofar as this office is concerned, approval to drill the above referred to well is hereby granted in accordance with Rule C-3, General Rules and Regulations and Rules of Practice and Procedure.

Should you determine that it will be necessary to plug and abandon this well, you are hereby requested to immediately notify the following:

PATRICK L. DRISCOLL - Chief Petroleum Engineer  
HOME: 582-7247  
OFFICE: 533-5771

Enclosed please find Form OGC-8-X, which is to be completed whether or not water sands (aquifers) are encountered during drilling.

Further, it is requested that this Division be notified within 24 hours after drilling operations commence, and that the drilling contractor and rig number be identified.

The API number assigned to this well is 43-047-30339.

Very truly yours,

DIVISION OF OIL, GAS, AND MINING

CLEON B. FEIGHT  
Director

/sw  
cc: U.S. Geological Survey



# Chevron Pipe Line Company

2351 North 11th West, P. O. Box 25117, Salt Lake City, UT 84125

January 9, 1978

R.S.L. MP-19

Mr. Ron Dethlefsen  
Pacific Transmission Supply  
64 East Main Street  
Vernal, Utah

Dear Mr. Dethlefsen:

Per your verbal request, Chevron Pipe Line Company herewith grants Pacific Transmission Supply Company permission to use the Chevron Pipe Line access road to their rectifier installation near R.S.L. MP-19 located in section 9 & 10, R. 24 E., T. 9 S., S.L.M., Uintah County, Utah.

Stipulations for the use of this access road are:

1. The existing road must be left in good condition and to the satisfaction of Chevron Pipe Line Co.
2. Pacific Transmission Supply has the right to improve the existing road for their use as necessary.
3. Pacific Transmission Supply will be required to notify Chevron Pipe Line Company in advance of any and all work near their pipeline as a result of this project. Please notify Mr. R. E. Fairchild in Rangely, Colorado, 303-675-2133.
4. Pacific Transmission Supply is to be responsible for any and all damages to Chevron Pipe Line Company facilities resulting from this project including the loss of product.

If you have any questions, please let us know.

Very truly yours,

C. W. ECKHART, Manager, N.D.

By *CW Eckhart*

PH:jr

Accepted by Pacific Transmission Supply Company

*Ron Dethlefsen*  
Position  
*1-9-78*  
Date

# PACIFIC TRANSMISSION SUPPLY COMPANY

64 EAST MAIN STREET  
VERNAL, UTAH 84078  
(801) 789-4573

January 11, 1978

P


Mr. Cleon Feight  
Division of Oil, Gas and Mining  
1588 West North Temple  
Salt Lake City, UT 84116

Dear Mr. Feight:

Enclosed please find two copies of the Sundry Notice and Survey Plat moving the location 41-9 to a location approved by field personnel of U.S.G.S. and BLM on January 6, 1978.

Also enclosed is an agreement with Salt Lake Pipeline for use of their pipeline access road for partial access to this location.

Very truly yours,

  
R. D. Dethlefsen  
Office Supervisor

RDD/pv

Encls.

cc: Mr. D. E. Beardsley

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY(Other instructions on  
reverse side)

## APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

## 1a. TYPE OF WORK

DRILL ☒DEEPEN ☐PLUG BACK ☐

## b. TYPE OF WELL

OIL  
WELL ☐GAS  
WELL ☒OTHER ☐

## 2. NAME OF OPERATOR

PACIFIC TRANSMISSION SUPPLY COMPANY

## 3. ADDRESS OF OPERATOR

P. O. Box 3093, Casper, Wyoming 82602

## 4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)

At surface

852' FNL, 618' FEL (NE-NE) Sec. 9-T9S-R24E, SLM

479' proposed prod

## 14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE\*

## 15. DISTANCE FROM PROPOSED\*

LOCATION TO NEAREST  
PROPERTY OR LEASE LINE, FT.  
(Also to nearest drlg. unit line, if any)

## 16. NO. OF ACRES IN LEASE

280

17. NO. OF ACRES ASSIGNED  
TO THIS WELL

280

18. DISTANCE FROM PROPOSED LOCATION\*  
TO NEAREST WELL, DRILLING, COMPLETED,  
OR APPLIED FOR, ON THIS LEASE, FT.

## 19. PROPOSED DEPTH

7800

## 20. ROTARY OR CABLE TOOLS

Rotary

## 21. ELEVATIONS (Show whether DF, RT, GR, etc.)

5137' Ungraded Ground

## 22. APPROX. DATE WORK WILL START\*

1-1-1978

## 23.

## PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
17-1/4"	13-3/8"	48	75'	150 sacks
12-1/4"	9-5/8"	36	2400'	250 sacks
7-7/8"	4-1/2"	11.6	As required	

Operator proposes to drill a 7800' well to penetrate the Mesaverde and Castlegate formations. Should commercial shows of oil or gas be found, a string of 4-1/2" casing will be run and cemented. The well will be drilled according to the attached prognosis and BOP equipment will be maintained at all times according to the pressure containment plan attached.

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

## 24.

SIGNED

*Dee E. Beardsley*  
Dee E. Beardsley

TITLE District Manager

DATE Dec 19, 1977

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

*W. J. Martin*

TITLE

ACTING DISTRICT ENGINEER

DATE

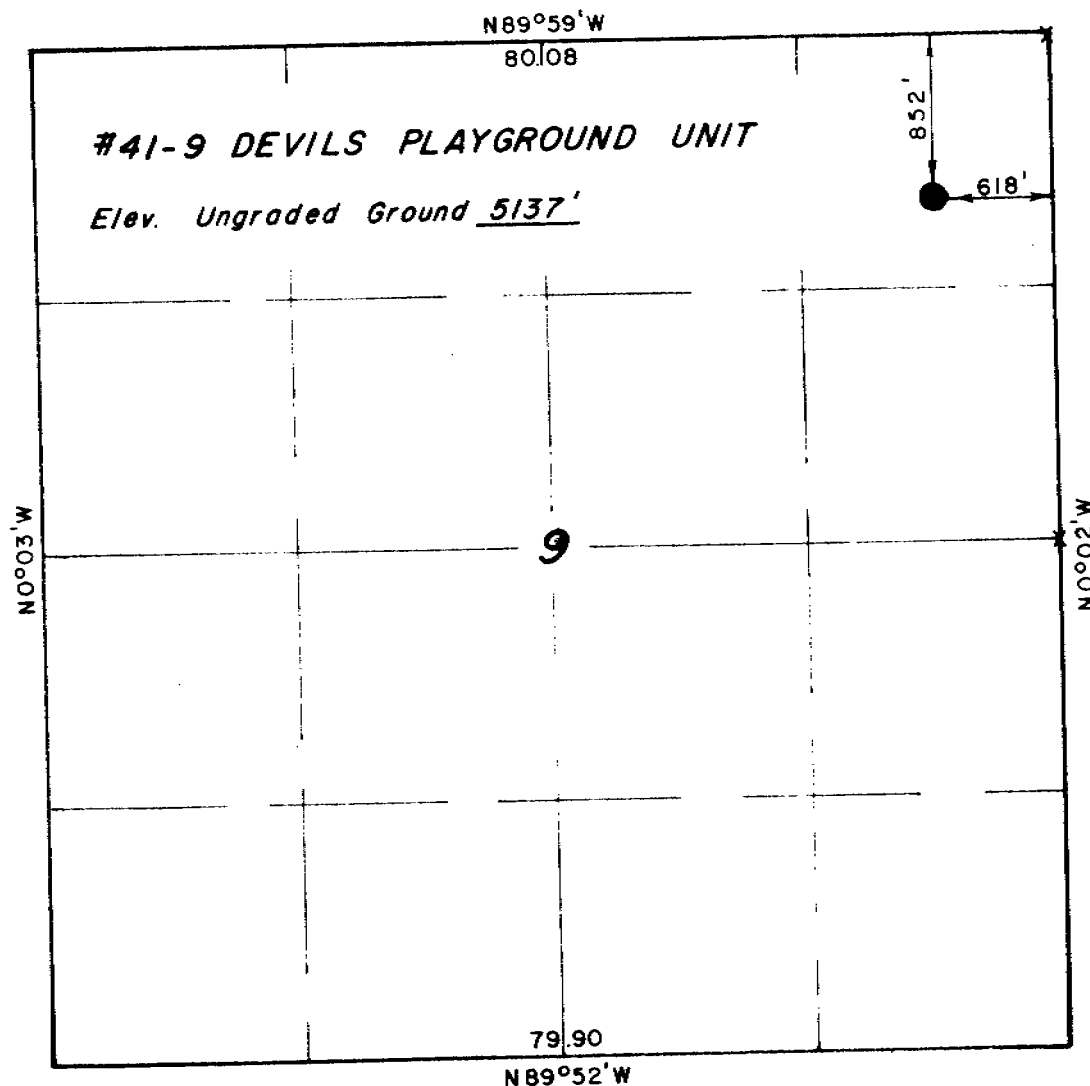
JAN 10 1978

CONDITIONS OF APPROVAL, IF ANY:

NOTICE OF APPROVAL

\*See Instructions On Reverse Side  
State of Utah, Department of Natural Resources  
Division of Oil, Gas, and Mining  
1538 West North Temple  
Salt Lake City, Utah 84116

*T 9 S, R 24 E, S.L.B.&M.*



X = Section Corners Located.

PROJECT  
PACIFIC TRANSMISSION SUPPLY CO.

Well location, #41-9 DEVILS PLAY-  
GROUND UNIT, located as shown in the  
NE 1/4 NE 1/4, Section 9, T 9 S, R 24 E,  
S.L.B.&M., Uintah County, Utah.



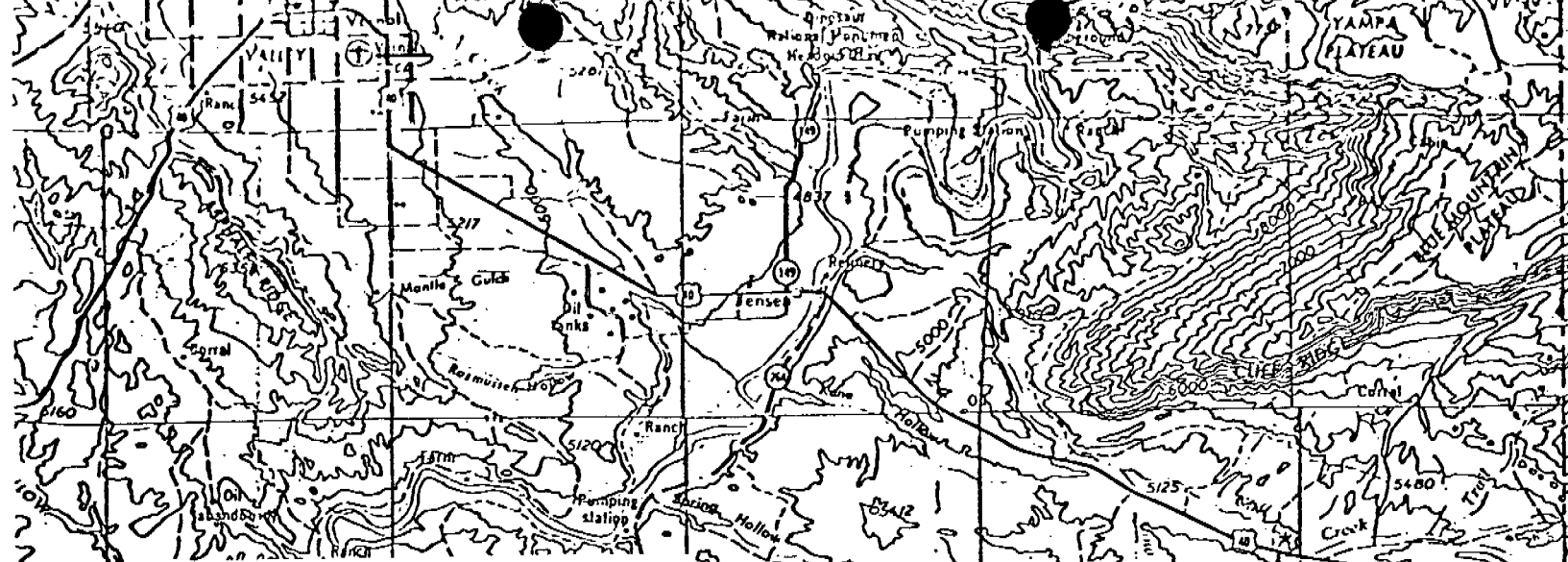
CERTIFICATE

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM  
FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY  
SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE  
BEST OF MY KNOWLEDGE AND BELIEF

REGISTERED LAND SURVEYOR  
REGISTRATION NO 2454  
STATE OF UTAH

UINTAH ENGINEERING & LAND SURVEYING  
P.O. BOX Q - 110 EAST - FIRST SOUTH  
VERNAL, UTAH - 84078

SCALE	1" = 1000'	DATE	12/2/77
PARTY	DA DS KH	REFERENCES	GLO PLAT
WEATHER	Fair	FILE	PACIFIC TRANSMISSION CO.



Pacific Transmission Supply Co.  
41-9 Devils Playground Unit

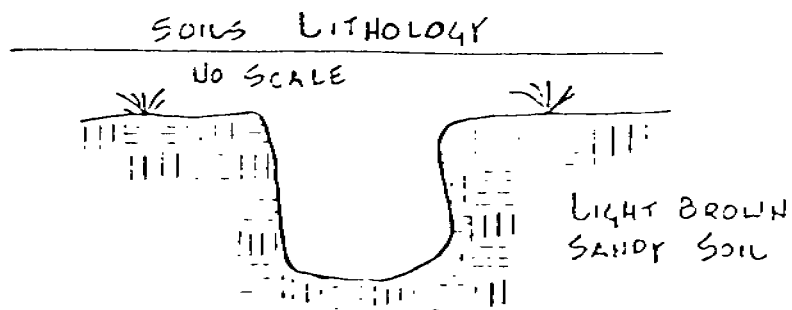
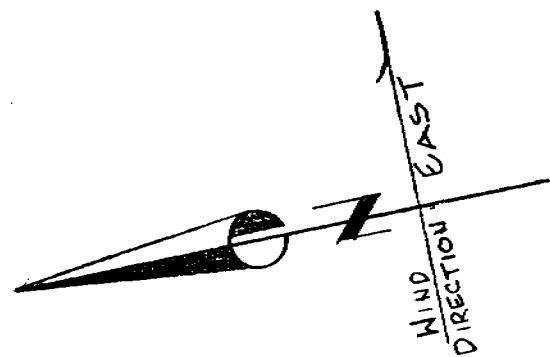
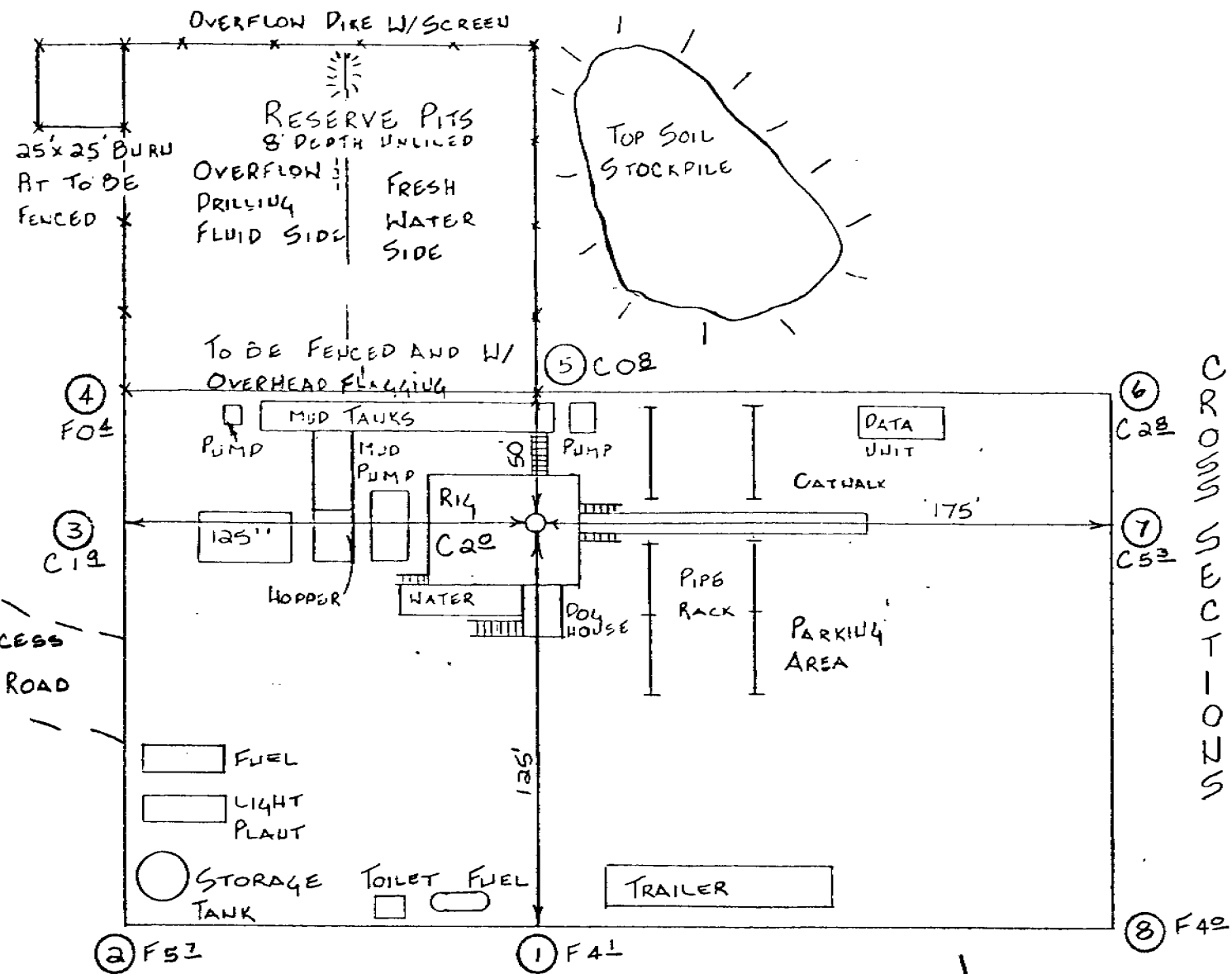
TOPO MAP "A"



SCALE 1"=4 miles

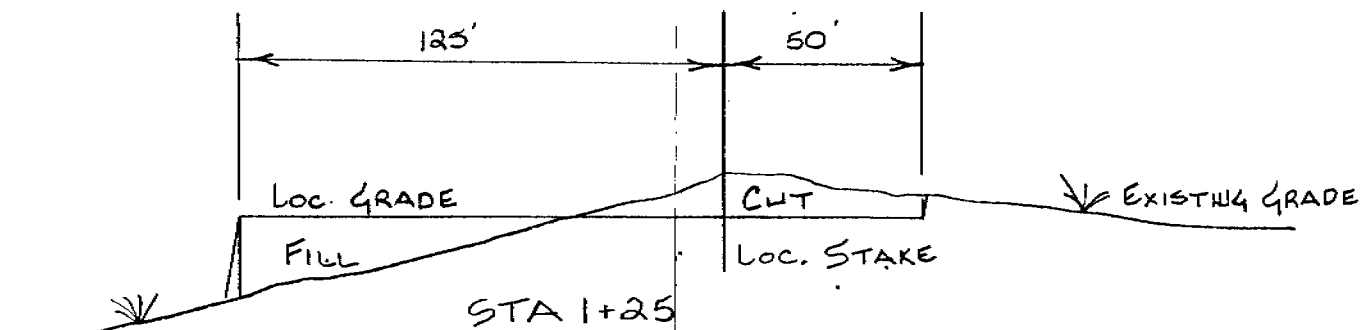
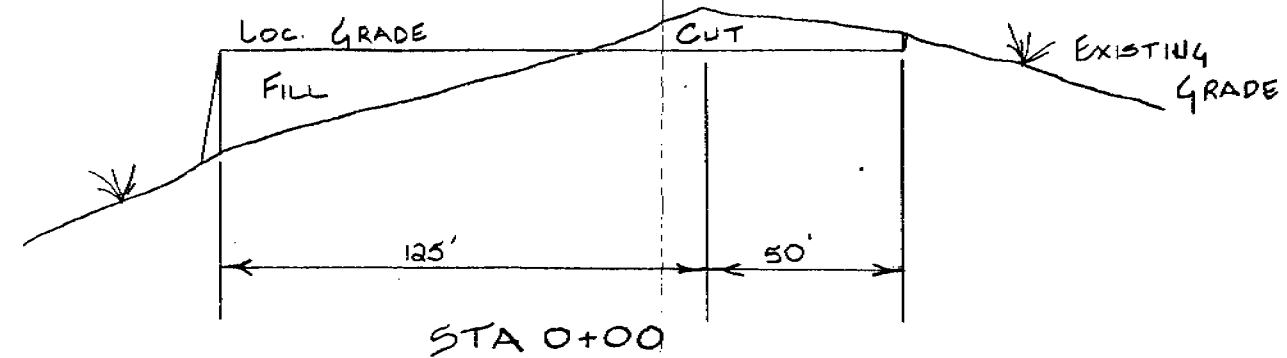




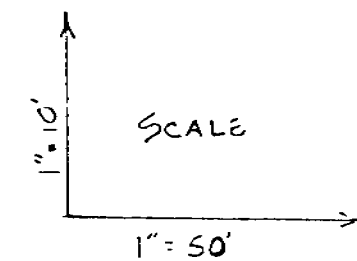
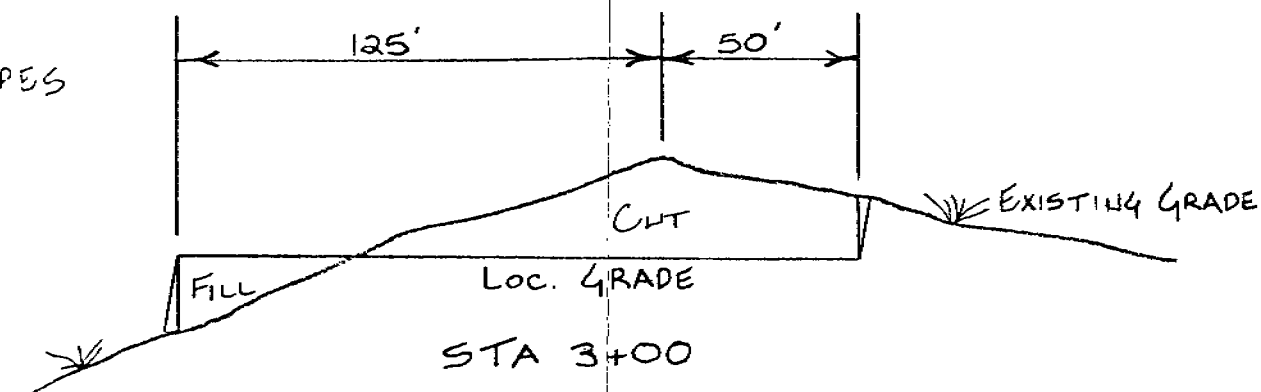


SCALE 1" = 50'

PACIFIC TRANSMISSION SUPPLY CO.  
41-9 DEVILS PLAYGROUND  
LOC. LAYOUT SHEET  
SEC. 9 T9S, R24E, S1B 1/2M.



ALL SLOPES  
1:1

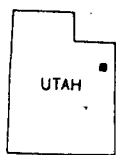


APPROX. YARDS	
CUT 2080	Cu Yds.
FILL 2029	Cu Yds.

ROAD CLASSIFICATION

light duty

Unimproved dirt ..



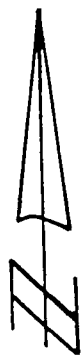
UTAH

42.1 mi. to Vernal, Utah

Proposed Location  
#41-9 DEVILS PLAYGROUND UNIT

Existing Ro

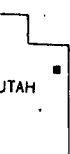
## Little Bonanza



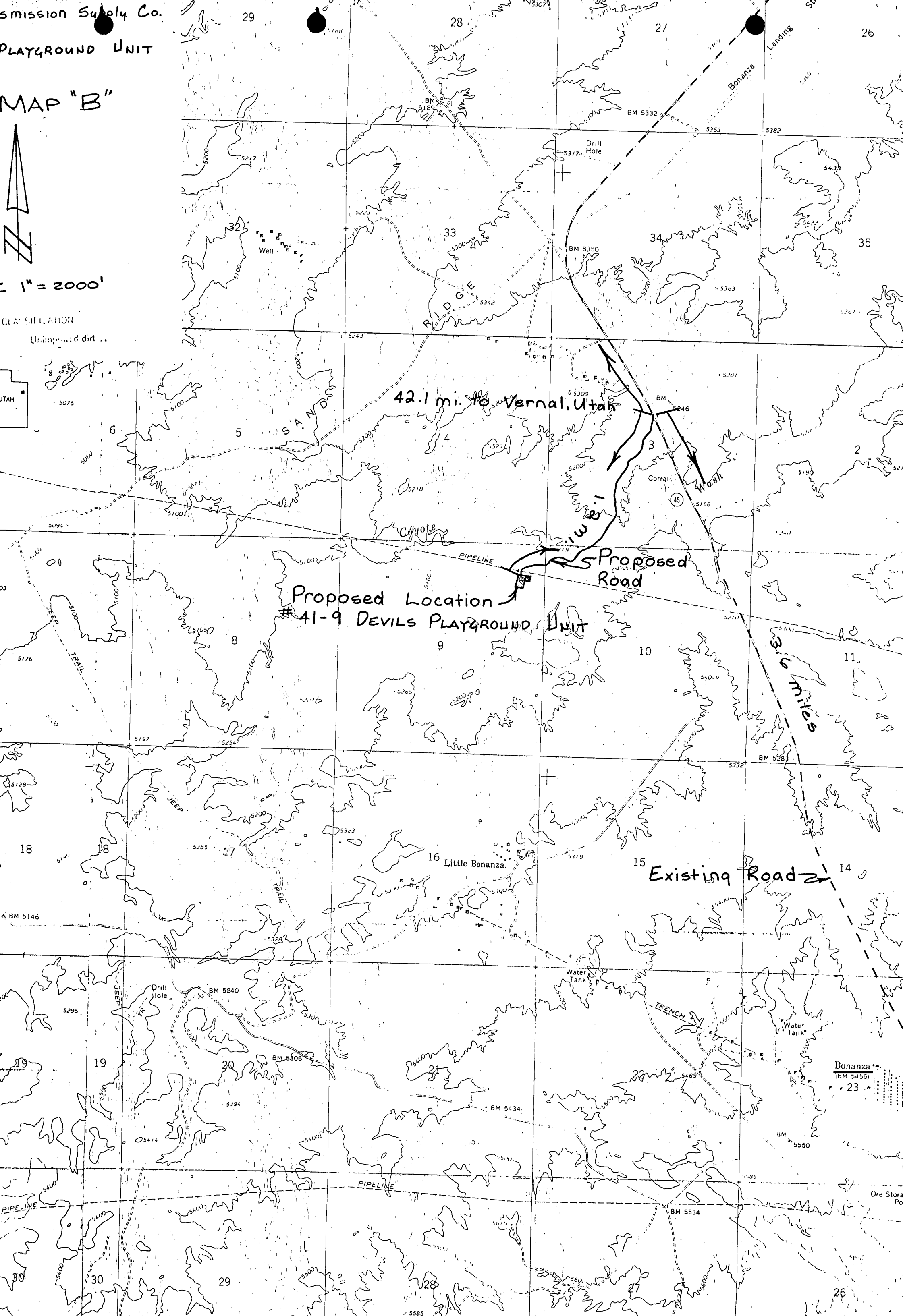
1" = 2000'

CLASSIFICATION

Underground dirt



UTAH



UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEYSUBMIT IN TRIPLICATE\*  
(Other instructions on re-  
verse side)Form approved.  
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.

U-5217

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

Devils Playground

8. FARM OR LEASE NAME

Devils Playground Unit

9. WELL NO.

41-9

10. FIELD AND POOL, OR WILDCAT

Wildcat

11. SEC., T., R., M., OR BLK. AND  
SURVEY OR AREA

Sec. 9-T9S-R24E

12. COUNTY OR PARISH

Uintah

13. STATE

Utah

## SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.  
Use "APPLICATION FOR PERMIT—" for such proposals.)

1.

OIL WELL ☐ GAS WELL ☒ OTHER

2. NAME OF OPERATOR

PACIFIC TRANSMISSION SUPPLY COMPANY

3. ADDRESS OF OPERATOR

P.O. BOX 3093, Casper, Wyoming 82602

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.\*  
See also space 17 below.)  
At surface

479 FNL 850 FEL, NE-NE Sec. 9-T9S-R24E, SLM

14. PERMIT NO.

15. ELEVATIONS (Show whether DF, RT, GR, etc.)

16.

## Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

## NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

FRACTURE TREAT

SHOOT OR ACIDIZE

REPAIR WELL

(Other)

PULL OR ALTER CASING

MULTIPLE COMPLETE

ABANDON\*

CHANGE PLANS

X

## SUBSEQUENT REPORT OF:

WATER SHUT-OFF

FRACTURE TREATMENT

SHOOTING OR ACIDIZING

(Other)

REPAIRING WELL

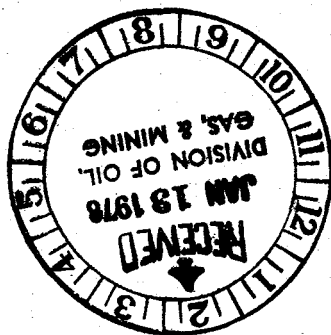
ALTERING CASING

ABANDONMENT\*

(NOTE: Report results of multiple completion on Well  
Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

Request approval to move location to the footage indicated above. This move was required by the U.S.G.S. Field Representative and BLM. Verbal approval for the move was received from Patrick Driscoll, Chief Petroleum Engineer, Utah Oil and Gas Commission at 2:30 P.M. January 6, 1978.



APPROVED BY THE DIVISION OF  
OIL, GAS, AND MINING  
DATE: JAN 18 1978  
BY: [Signature]

18. I hereby certify that the foregoing is true and correct

SIGNED

[Signature]

TITLE

Office Supervisor

DATE

1-9-78

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

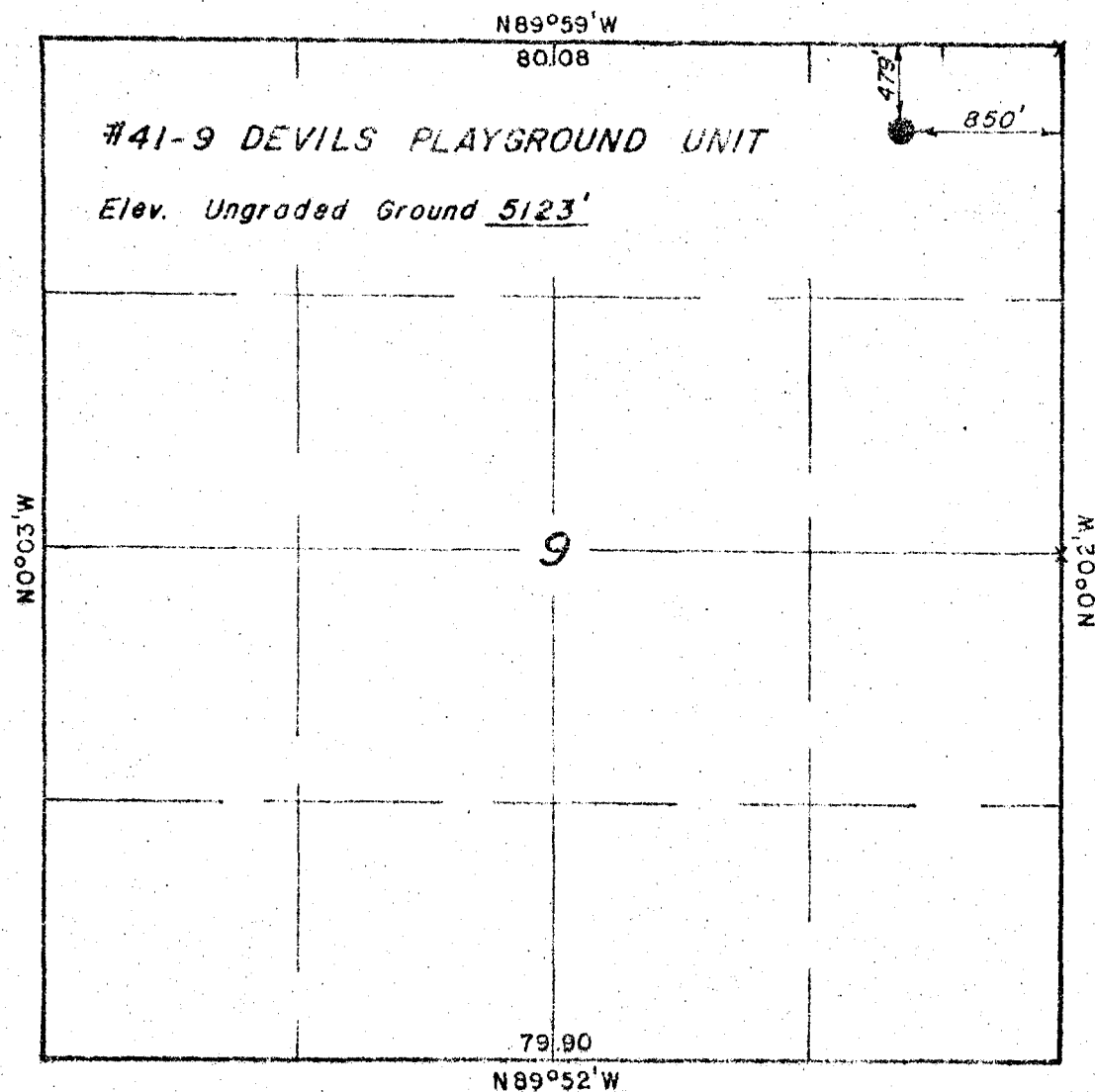
CONDITIONS OF APPROVAL, IF ANY:

\*See Instructions on Reverse Side

T9S, R24E, S.L.B.&M.

PROJECT  
PACIFIC TRANSMISSION SUPPLY CO.

Well location, #41-9 DEVILS PLAYGROUND UNIT, located as shown in the NE 1/4 NE 1/4, Section 9, T9S, R24E, S.L.B.&M., Uintah County, Utah.



X = Section Corners Located.



CERTIFICATE

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

*Richard L. ...*  
REGISTERED LAND SURVEYOR  
REGISTRATION NO 2454  
STATE OF UTAH

UINTAH ENGINEERING & LAND SURVEYING  
P.O. BOX Q - 110 EAST - FIRST SOUTH  
VERNAL, UTAH - 84078

SCALE 1" = 1000'	DATE 12/2/77
PARTY DA DS KH	REFERENCES GLO PLAT
WEATHER Fair	FILE PACIFIC TRANSMISSION CO.

# LYNES, INC.

## Distribution of Final Reports

Operator Pacific Transmission Supply Co. Well Name and No. Devils Playground #41-9

Original: Pacific Transmission Supply Co., Box 3093, Casper, Wyoming 82602 Attn:

Dee Beardsley

1 copy: Pacific Transmission Supply Co., 633 17th St., Suite 2140, Denver, Colorado  
80202 Attn: J.R. Worble

1 copy: U.S.G.S., 8426 Federal Bldg., Salt Lake City, Utah 84138 Attn: E.W. Guynn

1 copy: Chorney Oil Co. 401 Lincoln Center Bldg., Denver, Colorado 80295 Attn:

Sam Boltz

1 copy: B.W. Allen, Box 2352, Casper, Wyoming 82602

1 copy: Utah Oil & Gas Comm., 1588 W.N. Temple, Salt Lake City, Utah 84116

# PACIFIC TRANSMISSION SUPPLY COMPANY

212 GOODSTEIN BUILDING  
P. O. BOX 3093  
CASPER, WYOMING 82602  
(307) 265-1027

January 12, 1978



Mr. Edgar W. Guynn, District Engineer  
U. S. GEOLOGICAL SURVEY  
8426 Federal Building  
Salt Lake City, Utah 84138

Reference: PTS #41-9 Federal  
Sec. 9-T9S-R24E  
Uintah County, Utah

Dear Mr. Guynn,

Enclosed is the Sundry Notice requesting permission to produce the Chorney Oil Company No. 1-18 well for fuel gas for the drilling of our 41-9 Federal well, Section 9, Township 9 South, Range 24 East, Uintah County, Utah. A sketch of the proposed right-of-way is also enclosed. This right-of-way was examined during the course of the wellsite inspection by the U.S.G.S. and the B.L.M. with verbal approval given at that time.

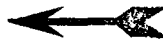
The pipeline is, of course, temporary and will be laid above ground with no blading or grading being needed.

Very truly yours,

DEE E. BEARDSLEY  
Manager of Operations

DEB:a

cc: Mr. Cleon B. Feight  
Mr. Steve Ellis  
Mr. J. L. Wroble  
Mr. E. R. Henry  
Mr. H. G. Culp  
Mr. W. G. Stelling  
Chorney Oil Company



## CIRCULATE TO:

DIRECTOR \_\_\_\_\_  
PETROLEUM ENGINEER \_\_\_\_\_  
MINE COORDINATOR \_\_\_\_\_  
ADMINISTRATIVE ASSISTANT \_\_\_\_\_  
ALL \_\_\_\_\_

RETURN TO \_\_\_\_\_  
FOR FILING

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEYSUBMIT IN TRIPLICATE\*  
(Other instructions on re-  
verse side)Form approved  
Budget Bureau No. 42-R1424

5. LEASE DESIGNATION AND SERIAL NO.

U-0145459 JAN 16 1978

6. IF INDIAN ALLOTTEE OR TRIBE NAME  
GAS & MINING

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

South Red Wash Federal

9. WELL NO.

1-18

10. FIELD AND POOL, OR WILDCAT

Wildcat

11. SEC., T., R., M., OR BLK. AND  
SURVEY OR AREA

Sec. 18, T9S-R24E

12. COUNTY OR PARISH 13. STATE

Uintah

Utah

## SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.  
Use "APPLICATION FOR PERMIT—" for such proposals.)

1.

OIL WELL ☐ GAS WELL ☒ OTHER

2. NAME OF OPERATOR

PACIFIC TRANSMISSION SUPPLY COMPANY

3. ADDRESS OF OPERATOR

212 Goodstein Building, P. O. Box 3093, Casper, Wyoming 82602

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.\*  
See also space 17 below.)  
At surface

660' FNL and 1980' FEL

14. PERMIT NO.

43-047-30124

15. ELEVATIONS (Show whether DF, RT, GR, etc.)

5115' Gr., 5131' KB

16.

Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

FRACTURE TREAT

SHOOT OR ACIDIZE

REPAIR WELL

(Other)

PULL OR ALTER CASING

MULTIPLE COMPLETE

ABANDON\*

CHANGE PLANS

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

FRACTURE TREATMENT

SHOOTING OR ACIDIZING

(Other)

REPAIRING WELL

ALTERING CASING

ABANDONMENT\*

(NOTE: Report results of multiple completion on Well  
Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

Pacific Transmission Supply Company requests permission to produce the Chorney Oil Company 1-18 Federal for a period of approximately 60 days at the rate of about 250 MCF/day. This production will be used for fuel gas to drill the proposed PTS #41-9 Federal.

The fuel gas will be metered and all royalties paid according to NTL-4.

The enclosed sketch indicates the proposed temporary pipeline. Routing was given field approval by the U.S.G.S. and B.L.M. personnel on Friday, January 6, 1978.

APPROVED BY THE DIVISION OF  
OIL, GAS, AND MINING

DATE:

BY:

18. I hereby certify that the foregoing is true and correct

SIGNED

D. E. Beardsley

TITLE

Operations Manager

DATE

Jan 12, 1978

(This space for Federal or State Office Use)

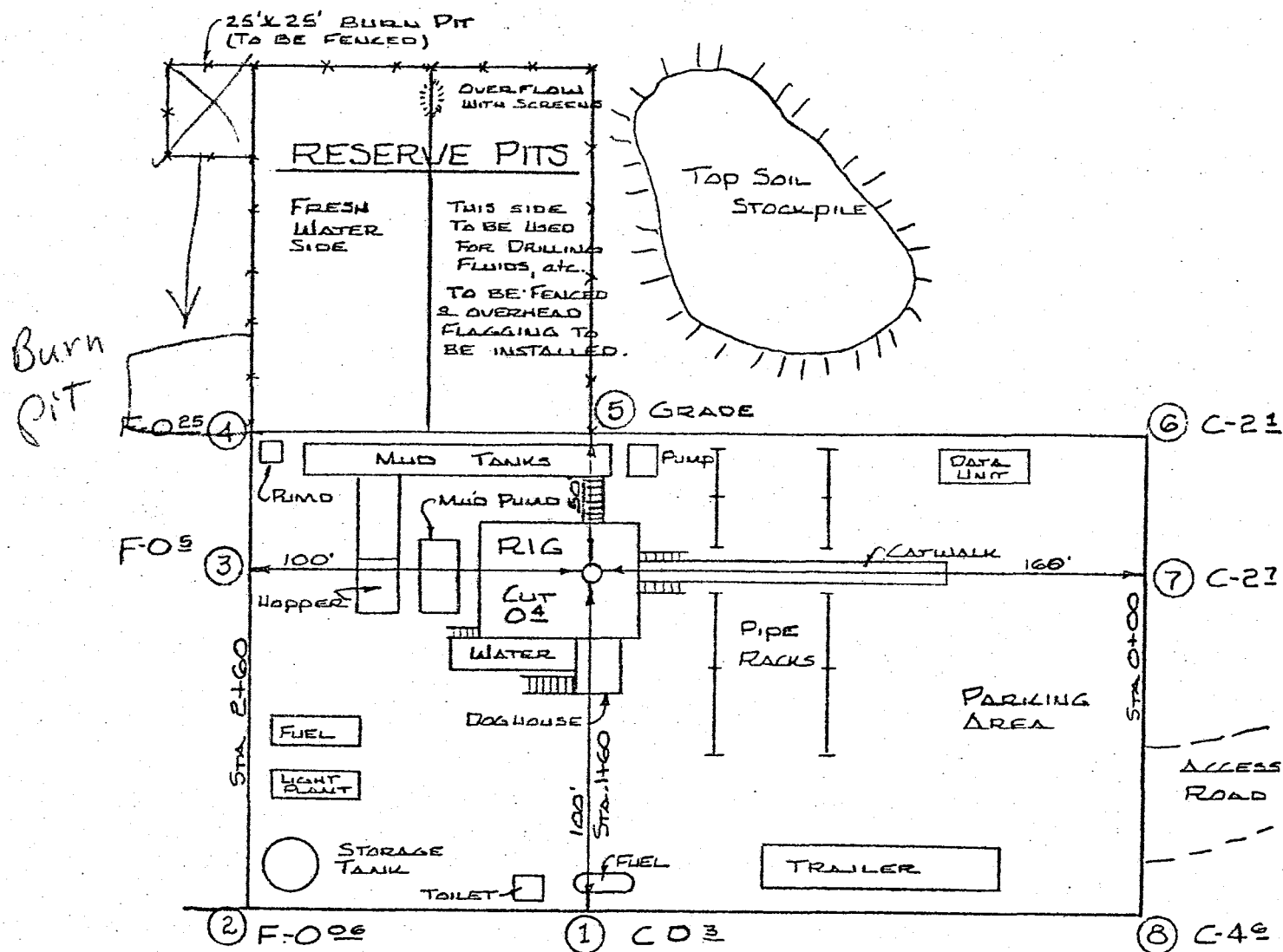
APPROVED BY

CONDITIONS OF APPROVAL, IF ANY:

TITLE

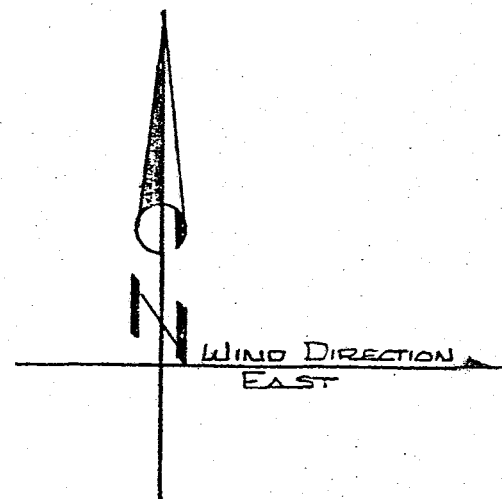
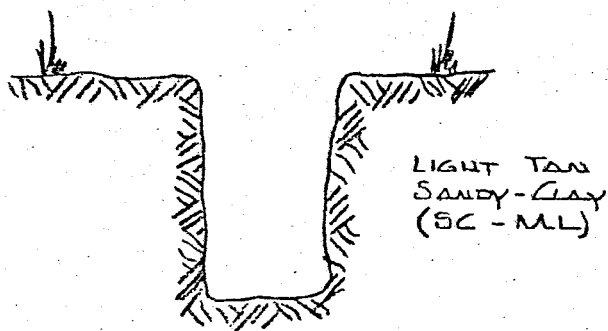
DATE





# SOILS LITHOLOGY

NO SCALE



SCALE: 1" = 50'

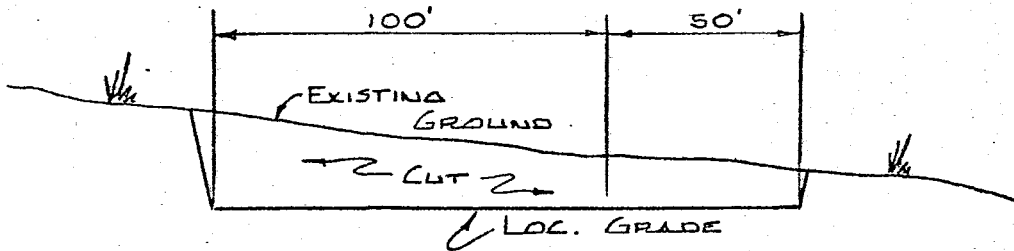
PACIFIC TRANSMISSION SUPPLY CO.  
# 41-9 DEVILS PLAYGROUND

LOCATION LAYOUT SHEET

SEC. 9, T9S, R24E, S. L. B. & M.

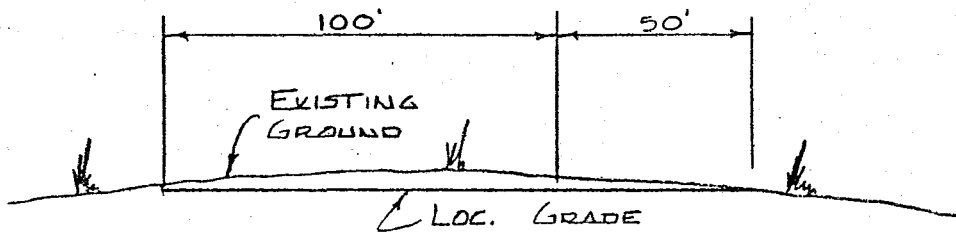
CROSS SECTION

0+00

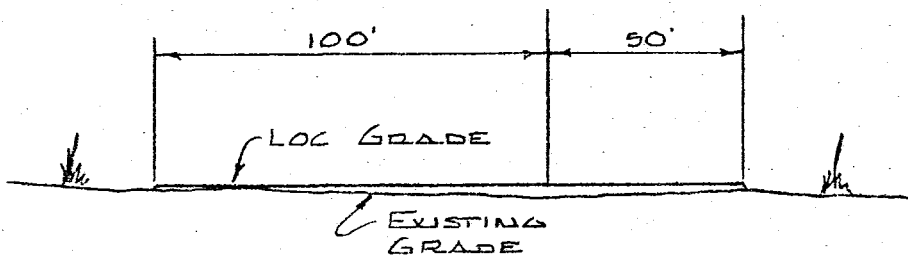


1+60

ALL SLOPES  
1 : 1

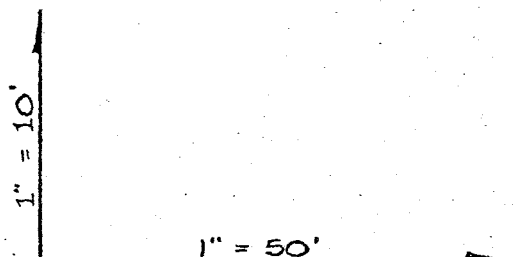


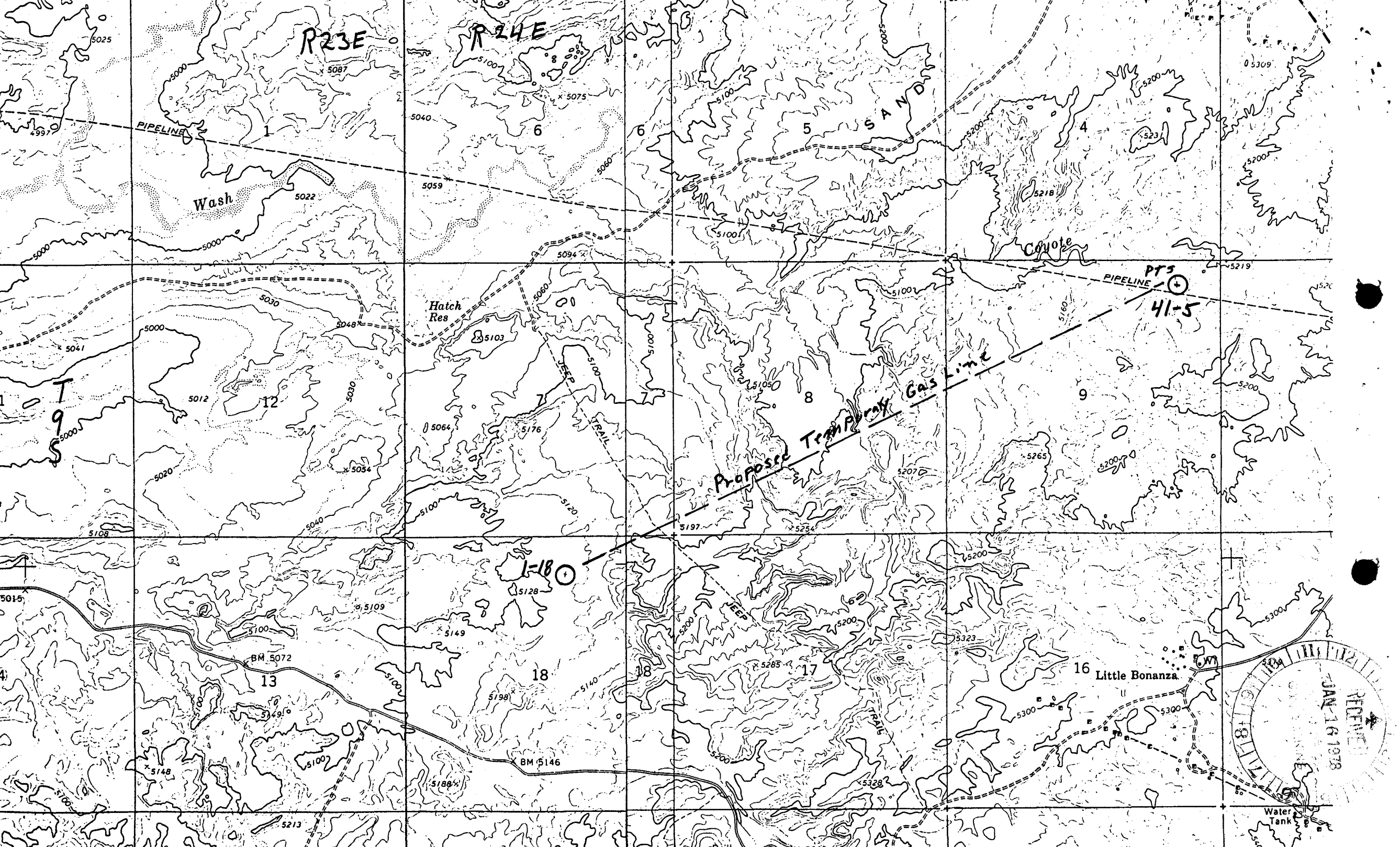
2+60



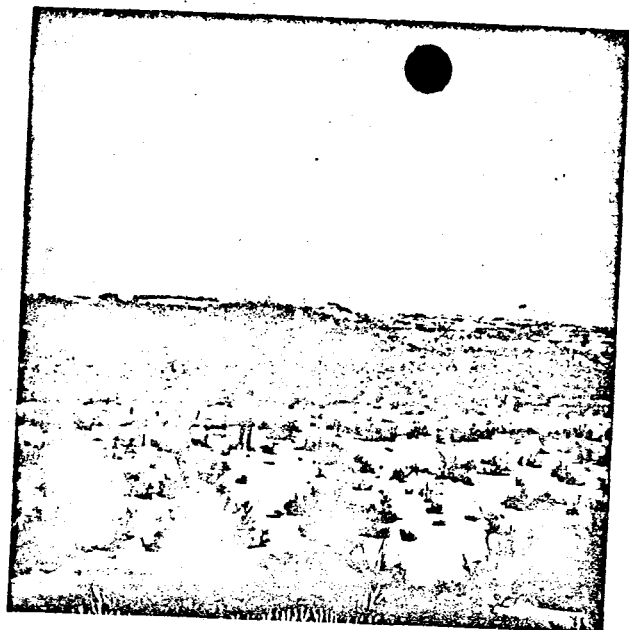
APPROX. YARDAGES

CUT ----- 1600 Cu.Yds.  
FILL ----- 100 Cu.Yds.

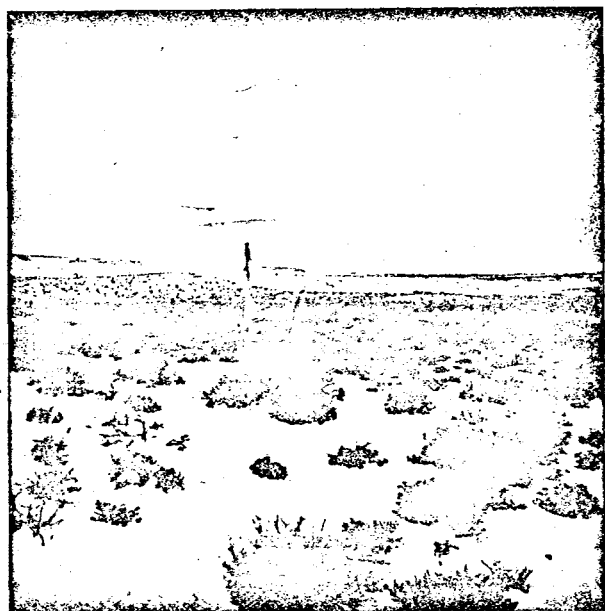








← ACCESS  
ROAD to come in  
along BASE



Live  
Drainage  
well site

RECEIVED  
MAY 18 1962

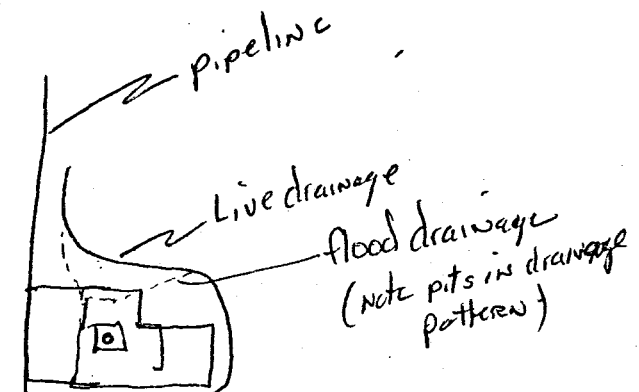
LEASE U-5217DATE Jan 6, 1978WELL NO. 41-9LOCATION: NE ¼ NE ¼, SEC. 9, T. 9S, R. 24EFIELD Wildcat COUNTY Utah STATE UtahENVIRONMENTAL IMPACT ANALYSIS - ATTACHMENT 2-BI. PROPOSED ACTION

Pacific Transmission Supply PROPOSES TO DRILL AN OIL AND  
(COMPANY)  
GAS TEST WELL WITH ROTARY TOOLS TO ABOUT 7800 FT. TD. 2) TO CONSTRUCT A  
DRILL PAD 300 FT. X 175 FT. AND A RESERVE PIT 125 FT. X 125 FT.  
3) TO CONSTRUCT 18 FT. WIDE X 1.2 MILES ACCESS ROAD AND ~~UPGRADE~~  
~~FT. WIDE X~~ MILES ACCESS ROAD FROM AN EXISTING AND IMPROVED ROAD. TO CONSTRUCT  
☒ GAS ☐ OIL PRODUCTION FACILITIES ON THE DISTURBED AREA FOR THE DRILL PAD  
AND ☐ TRUCK ☒ TRANSPORT THE PRODUCTION THROUGH A PIPELINE TO A TIE-IN IN  
SECTION 18, T. 9S, R. 24E. (Not in 13 pt plan - need supplemental  
info at time of construction of permanent  
line if well is producer -)

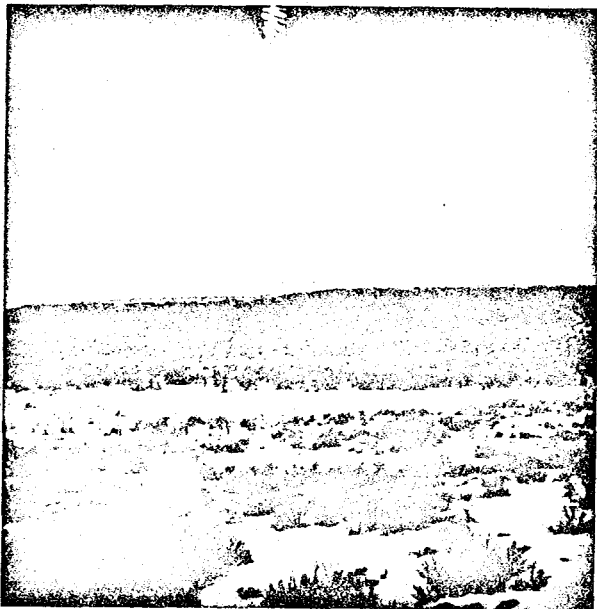
2. LOCATION AND NATURAL SETTING (EXISTING ENVIRONMENTAL SITUATION).

(1) TOPOGRAPHY: ☐ ROLLING HILLS ☒ DISSECTED TOPOGRAPHY ☒ DESERT  
OR PLAINS ☐ STEEP CANYON SIDES ☐ NARROW CANYON FLOORS ☐ DEEP DRAINAGE  
IN AREA ☒ SURFACE WATER Well site in arroyo drainage with intermittent  
water flow - Canyon of arroyo has steep sides.  
Topo map attached.

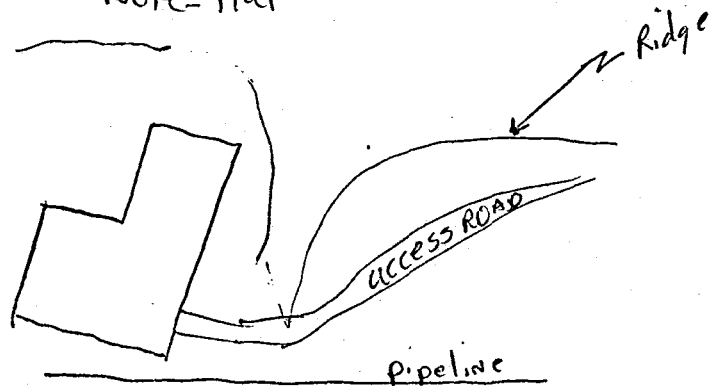
(2) VEGETATION: ☒ SAGEBRUSH ☐ PINION-JUNIPER ☐ PINE/FIR ☐ FARMLAND  
(CULTIVATED) ☒ NATIVE GRASSES ☐ OTHER Cholla, Greasewood, MOSS  
algae in stream,



(Photo taken Looking East  
from drill hole stake)



Alternate Location Looking NNW  
Note - flat



(3) WILDLIFE: ☐ DEER ☐ ANTELOPE ☐ ELK ☐ BEAR ☒ SMALL  
MAMMAL ☒ BIRDS ☐ <sup>NONE KNOWN</sup> ENDANGERED SPECIES ☐ OTHER Several birds,  
two jackrabbits, one coyote were seen while at drill site.  
Small stream probably does not have fish.

(4) LAND USE: ☒ RECREATION ☒ LIVESTOCK GRAZING ☐ AGRICULTURE  
☒ MINING ☐ INDUSTRIAL ☐ RESIDENTIAL ☒ OIL & GAS OPERATIONS  
Pipeline crosses drill pad on North end.

REF: BLM UMBRELLA EAR  
USFS EAR  
OTHER ENVIRONMENTAL ANALYSIS

3. Effects on Environment by Proposed Action (potential impact)

1) EXHAUST EMISSIONS FROM THE DRILLING RIG POWER UNITS AND SUPPORT TRAFFIC  
ENGINES WOULD ADD MINOR POLLUTION TO THE ATMOSPHERE IN THE LOCAL VICINITY.

2) MINOR INDUCED AND ACCELERATED EROSION POTENTIAL DUE TO SURFACE  
DISTURBANCE AND SUPPORT TRAFFIC USE.

3) MINOR VISUAL IMPACTS FOR A SHORT TERM DUE TO OPERATIONAL EQUIPMENT AND  
SURFACE DISTURBANCE.

4) TEMPORARY DISTURBANCE OF WILDLIFE AND LIVESTOCK.

5) MINOR DISTRACTION FROM AESTHETICS FOR SHORT TERM.

6) ~~major~~ Possible surface water pollution potential as pits  
would be constructed in high water drainage patterns.

7) Dirt construction of pad would be adjacent to pipeline. The pipeline  
would be crossed to gain access to drill pad. (OVER)



8) ~~the~~ Spills & Leaks would have a very good chance of spilling into surface waters -

9) A 100 year Rain/Flood would probably destroy reserve pits and erode drill pad.

10) Area is too small to build drill pad as proposed if drill pad is to remain out of natural drainage.

11) Drill pad could be made non-standard and drill hole moved 25' to west to accommodate drill rig. This may introduce safety hazards by just being different.

12) Proposed Access Road will be new construction and require Tram Road. Alternate route is proposed. Alternate would require less new road construction and no tram road permit.

13) Road and Drill pad could not be given clearance (cultural) due snow - Alternate site and road were cleared onsite.

RECEIVED  
2013

2013

2013

can

4. Alternatives to the Proposed Action

1) NOT APPROVING THE PROPOSED PERMIT -- THE OIL AND GAS LEASE GRANTS THE LESSEE EXCLUSIVE RIGHT TO DRILL FOR, MINE, EXTRACT, REMOVE AND DISPOSE OF ALL OIL AND GAS DEPOSITS.

2) DENY THE PROPOSED PERMIT AND SUGGEST AN ALTERNATE LOCATION TO MINIMIZE ENVIRONMENTAL IMPACTS. NO ALTERNATE LOCATION ON THIS LEASE WOULD JUSTIFY THIS ACTION.

3) LOCATION WAS MOVED APPROX 400' NNW TO AVOID  
☐ LARGE SIDEHILL CUTS ☒ NATURAL DRAINAGE ☒ OTHER (OVER)

4) AT ON SITE IT WAS REQUESTED FOR RIG FUEL LINE FROM SEC 18 9S 24E. IF NO SURFACE BLADING IMPACTS WILL BE MAINLY VISUAL - THIS WOULD BE THE ROUTE OF ~~PERMANENT~~ GAS PRODUCTION LINE IF WELL IS PRODUCER - ~~USE~~ TEMPORARY LINE 2 3/8" TUBING

5. Adverse Environmental Effects Which Cannot Be Avoided

1) MINOR AIR POLLUTION DUE TO EXHAUST EMISSIONS FROM RIG ENGINES AND SUPPORT TRAFFIC ENGINES.

2) MINOR INDUCED AND ACCELERATED EROSION POTENTIAL DUE TO SURFACE DISTURBANCE AND SUPPORT TRAFFIC USE.

3) MINOR AND TEMPORARY DISTURBANCE OF WILDLIFE.

4) TEMPORARY DISTURBANCE OF LIVESTOCK.

5) MINOR AND SHORT-TERM VISUAL IMPACTS.

6)

6. DETERMINATION:

(THIS REQUESTED ACTION ~~DOES~~ (DOES NOT) CONSTITUTE A MAJOR FEDERAL ACTION SIGNIFICANTLY AFFECTING THE ENVIRONMENT IN THE SENSE OF NEPA, SECTION 102(2) (C).

DATE INSPECTED Jan 6, 78

INSPECTOR J. Ewing

W. P. Martin

U. S. GEOLOGICAL SURVEY  
CONSERVATION DIVISION - OIL & GAS OPERATIONS  
SALT LAKE CITY DISTRICT

## Alternate site.

- 1) It proposed to move Loc. Aprox NNW to open Clearing - A new Survey is required, Operator to submit exact Location however it should be aprox 470' from north line and 700'-800' from Eline.

By moving Location ample room is available for drill PAD. Drill pad should be rotated 180° so pits will be down grade.

South end of drill pad will be near existing pipeline ~~but~~ however no major cuts and fills will be necessary. ~~the~~ The pipeline will not have to be crossed for access to pad.

Well site ~~is~~ near drainage but not in flood AREA.

Pits should be lined to prevent surface water pollution and Loss of fluids from pits.

Pits should be pumped or burned of any oil or fluids ~~before~~ prior to reclamation. fluids to be hauled to suitable disposal site.

State ~~exceptions~~ required. Per Operator, verbal was given by state.

Access Road to use existing pipeline right of way. Road will need some up grading. ~~A power line~~ An overhead line will be crossed near Junction of pipeline Road and main highway. This line is <sup>low</sup> ~~low~~ ~~that~~ warning signs are requested 50' on either side of line. Coyote wash will be crossed near center line of sec 10. ~~the~~ Road then will join original proposed road. Pipeline Company consent was requested of operator for use of pipe line ROW.

USE of Alternate would mitigate most impacts ~~mentioned~~ listed in attached Items Paragraph #3 ~~item~~ 6-13. Spill and leaks however could cause surface H<sub>2</sub>O pollution but probably could be contained.

**UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY**

SUBMIT IN TRIPLICATE\*  
(Other instructions on re-  
verse side)

Form approved.  
Budget Bureau No. 42-R1424.

**SUNDRY NOTICES AND REPORTS ON WELLS**

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.  
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. <input type="checkbox"/> OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER		5. LEASE DESIGNATION AND SERIAL NO. <b>U-5217</b>										
2. NAME OF OPERATOR <b>PACIFIC TRANSMISSION SUPPLY COMPANY</b>		6. IF INDIAN, ALLOTTEE OR TRIBE NAME										
3. ADDRESS OF OPERATOR <b>P. O. Box 3093, Casper, Wyoming 82602</b>		7. UNIT AGREEMENT NAME <b>Devils Playground</b>										
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface <b>479' FNL, 850' FEL (NE-NE) Section 9, Township 9 South, Range 24 East, SLM</b>		8. FARM OR LEASE NAME <b>Federal</b>										
14. PERMIT NO. <b>43-047-30339</b>		9. WELL NO. <b>41-9</b>										
15. ELEVATIONS (Show whether DF, RT, GR, etc.) <b>5137' Ungraded Ground</b>		10. FIELD AND POOL, OR WILDCAT <b>Wildcat</b>										
16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA <b>Sec. 9-T9S-R24E</b>										
NOTICE OF INTENTION TO: <table style="width:100%;"> <tr> <td style="width:50%;">TEST WATER SHUT-OFF <input type="checkbox"/></td> <td style="width:50%;">PULL OR ALTER CASING <input type="checkbox"/></td> </tr> <tr> <td>FRACTURE TREAT <input type="checkbox"/></td> <td>MULTIPLE COMPLETE <input type="checkbox"/></td> </tr> <tr> <td>SHOOT OR ACIDIZE <input type="checkbox"/></td> <td>ABANDON* <input type="checkbox"/></td> </tr> <tr> <td>REPAIR WELL <input type="checkbox"/></td> <td>CHANGE PLANS <input type="checkbox"/></td> </tr> <tr> <td>(Other) <input type="checkbox"/></td> <td><b>XX</b></td> </tr> </table>		TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>	REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) <input type="checkbox"/>	<b>XX</b>	12. COUNTY OR PARISH <b>Uintah</b>
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(Other) <input type="checkbox"/>	<b>XX</b>											
		13. STATE <b>Utah</b>										

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

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(Other) <input type="checkbox"/>																			

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

Spudded surface hole at 9:00 A.M. January 19, 1978. Ran three joints 13-3/8", 54.5# K-55 surface casing with Baker guide shoe and baffle plate in top of shoe joint. Casing landed at 120' K. B. Cemented with 175 sacks Class "G" cement with 1/4# per sack Celloflake and 2% calcium chloride. Plug down at 1:30 A.M. January 20, 1978

APPROVED BY THE DIVISION OF  
OIL, GAS, AND MINING  
DATE: Jan 24 1978  
BY: OPH Duncall

18. I hereby certify that the foregoing is true and correct

SIGNED <u>E. E. Mulholland</u>	TITLE <u>Operations Engineer</u>	DATE <u>Jan 20, 1978</u>
(This space for Federal or State office use)		

APPROVED BY _____	TITLE _____	DATE _____
CONDITIONS OF APPROVAL, IF ANY:		

USGS-Utah (3 copies)  
Division of Oil, Gas & Mining-Utah (1)  
Chorney Oil-Denver  
JLWroble  
ERHenry

\*See Instructions on Reverse Side

BWAilen



# LYNES INC.

BOX 712 / STERLING, COLORADO 80751 / PHONE 303-522-1206



February 13, 1978

Enclosed is a revised report on the:

Pacific Transmission Supply co.  
Devils Playground #41-9  
DST #1

Reason for the revision is the correction of the depth  
of recorder No. 13723.

Thank you,

*Michael Hudson*

Michael Hudson  
Technical Data Manager

# PACIFIC TRANSMISSION SUPPLY COMPANY

212 GOODSTEIN BUILDING  
P. O. BOX 3093  
CASPER, WYOMING 82602  
(307) 265-1027

GEOLOGICAL WELL COMPLETION REPORT

PACIFIC TRANSMISSION SUPPLY COMPANY

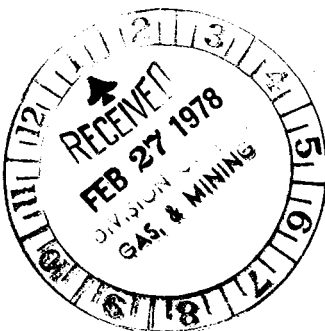
PTS #41-9 FEDERAL

SECTION 9, TOWNSHIP 9 SOUTH, RANGE 24 EAST

UINTAH COUNTY, UTAH

Submitted by:

Richard J. Van Dyke, Geologist  
Pacific Transmission Supply Company  
February 23, 1978



# PACIFIC TRANSMISSION SUPPLY COMPANY

212 GOODSTEIN BUILDING  
P. O. BOX 3093  
CASPER, WYOMING 82602  
(307) 265-1027

## WELL DATA

PTS #41-9 FEDERAL  
Sec. 9-T9S-R24E  
Uintah County, Utah

OPERATOR: Pacific Transmission Supply Company

WELL NAME: PTS #41-9 Federal

LOCATION: 478' from North Line, 850' from East Line  
NE-NE Sec. 9-T9S-R24E

COUNTY & STATE: Uintah County, Utah

ELEVATION: 5123' Ground  
5140' K. B.

CONTRACTOR: Anderson Drilling Company, Rig #6  
Toolpusher - Vince Wirtz

COMMENCEMENT DATE: Spudded January 19, 1978

SURFACE CASING: Size - 13-3/4"  
Depth - 120'  
Cement - 175 sacks Class "G"

HOLE SIZE: 17-1/2" (0-120')  
12-1/4" (120-2800')  
7-7/8" (2800'-TD)

DRILLING FLUID: Surface - 4287': Water  
4287' - TD: Salt Mud

LOGGING: Run #1 - Schlumberger (DIL, Sonic, Density)  
Run #2 - Schlumberger (DIL, Sonic, Density)

TOTAL DEPTH: Driller - 6466'  
Logger - 6470'

CEASE DRILLING: February 16, 1978

SAMPLE STORAGE: American Stratigraphic Company  
Casper, Wyoming

WELL DATA - continued

## INTERMEDIATE CASING:

Size - 9-5/8"  
Depth - 2800'  
Cement - 230 sacks RFC  
225 sacks Class "G"

## SAMPLE INTERVALS:

1050'- TD 10' samples

## GEOLOGISTS:

David R. Hadden, PTS  
Richard J. VanDyke, PTS  
W. W. Stewart, Consultant

## STATUS:

Ran casing for completion

## DRILLING TIME:

Geolograph

## MUD LOGGING UNIT:

Tooke Engineering Portable Unit operated by  
Wellsite Geologist

## DRILLSTEM TESTS:

DST #1 - 4265-4287', Lynes Testers  
DST #2 - 5531-5711', Lynes Testers  
DST #3 - 5795-5876', Lynes Testers  
DST #4 - 6070-6250', Lynes Testers



CHRONOLOGICAL WELL HISTORY

<u>Date</u>	<u>Drilled to</u>	<u>Hours Drilling</u>	<u>Activity</u>
1-18-78			Rig up.
1-19-78	120'	10-1/2	Drilling rat hole; spudded; drilling.
1-20-78	120'	0	W.O.C.; nipple up.
1-21-78	494'	11-1/4	Nipple up BOP; drilling mouse hole; drilling; ran surveys.
1-22-78	1470'	20	Drilling; ran surveys; trip for Bit #3.
1-23-78	1674'	5-3/4	Lost circulation; cement plug; W.O.C.; drilling.
1-24-78	2338'	16-3/4	Drilling; work stuck pipe.
1-25-78	2338'	0	Work stuck pipe; free point.
1-26-78	2338'	0	Pulled out of hole; jar on fish.
1-27-78	2338'	0	Jar on fish; pick up washover pipe; washover.
1-28-78	2338'	0	Circulate mud and condition hole; pulled out of hole; trip in with overshot tools; trip out with fish; lay down tools.
1-29-78	2694'	13-1/2	Lay down tools; trip in; drilling.
1-30-78	2800'	4-1/4	Drilling; logging - Run #1.
1-31-78	2800'	0	Run intermediate casing; cement casing, W.O.C.; nipple up.
2-1-78	2981'	5-1/4	Nipple up; drilling.
2-2-78	3747'	23	Drilling; ran survey.
2-3-78	4287'	21	Drilling; ran survey.
2-4-78	4287'	0	Circulate and raise mud weight; mud up; pulled out of hole for DST #1.
2-5-78	4338'	2-3/4	DST #1 (4265-4287'); trip out; lay down test tools; trip in; drilling.
2-6-78	4744'	22-1/2	Drilling; weld compound.
2-7-78	4967'	17-1/4	Drilling; ran survey; trip for Bit #5.
2-8-78	5427'	23-1/4	Drilling.
2-9-78	5711'	12-1/4	Drilling; circulate for DST; hoist for DST #2 SLM
2-10-78	5781'	8	DST #2 (5531-5711'); drilling.
2-11-78	5876'	9-1/4	Drilling; DST #3 (5795-5876').
2-12-78	6019	10-1/4	Complete DST #3; drilling.
2-13-78	6250'	17-3/4	Drilling; circulate for DST #4.
2-14-78	6250'	0	DST #4 (6070-6250'); rig repairs.
2-15-78	6459'	21	Drilling; rig repairs; drilling
2-16-78	6466'	1	Drilling; running logs; prep to run casing.

MUD PROPERTIES

<u>Date</u>	<u>Depth</u>	<u>Weight</u>	<u>pH</u>	<u>Viscosity</u>	<u>Water Loss</u>	<u>Filter Cake</u>	<u>PV</u>	<u>YP</u>
1-21-78	120'	(Water)						
1-22-78	942'	8.4	8.5	26				
1-23-78	1579'	(Water)						
1-24-78	2255'	8.4	11.0	27				
1-25-78	2338'	8.4	11.0					
1-26-78	2338'		9.5	46	8.2	2/32		
1-27-78	2338'		9.5	46				
1-28-78	2338'		9.5	42	8.0	2/32		
1-29-78	2340'	8.6	9.0	39	9.4	2/32	8	8
1-30-78	2800'	8.7	10.0	38	9.2	2/32	18	5
2-2-78	3326'	(Salt Water)						
2-3-78	3980'	8.8	8	26		2/32	2	2
2-4-78	4287'	9.2	8	27			3	1
2-4-78	4287'	9.5	8.5	35		3/32	11	14
2-5-78	4330'	9.75	11	43	9.0	3.32	10	35
2-6-78	4550'	9.7	10.5	36	NC	2/32	7	28
2-7-78	4874'	9.7	10	36	NC	3/32	15	10
2-8-78	5168'	9.8	11	40	12.4	2/32	10	30
2-9-78	5580'	9.8	10	37	21.5	2/32	11	6
2-9-78	5711'	9.8	9	35	11.8	2/32	12	7
2-10-78	5717'	9.7	8.5	45	12.2	2/32	20	20
2-11-78	5876'	9.8	10	46	13.2	2/32	16	14
2-12-78	5902'	9.7	10	40	18.2	2/32	16	12
2-13-78	6184'	9.7	10.5	39	16.2	2/32	12	12
2-15-78	6330'	9.6	9.6	36	16.4	2/32	9	36

BIT RECORD

<u>Bit No.</u>	<u>Size</u>	<u>Make</u>	<u>Type</u>	<u>Depth In</u>	<u>Depth Out</u>	<u>Footage</u>	<u>Hours</u>	<u>Jets</u>
1	17-1/2"	Reed	Y-11	16'	120'	104'	10	
2	12-1/4"	HTC	OSC3J	120'	1267'	1147'	25-1/2	3-13's
3	12-1/4"	STC	2JS	1267'	2800'	1533'	45-3/4	3-13's
4	7-7/8"	Sec.	S84F	2800'	4874'	2074'	83-1/4	2-13's
5	7-7/8"	HTC	J-22	4874'	5711'	837'	46-1/4	3-12's
6	7-7/8"	STC	F-45	5711'	6466'	755'	67-1/4	3-12's

DEVIATION SURVEYS

<u>Depth</u>	<u>Survey</u>
120'	1/4 Degrees
360'	1/4 Degrees
618'	1/2 Degrees
956'	3/4 Degrees
1201'	1/4 Degrees
1476'	3/4 Degrees
1722'	1 Degree
3288'	2 Degrees
4277'	2-3/4 Degrees
4786'	2-3/4 Degrees
5711'	2-1/4 Degrees

DRILLING BREAKS

<u>Feet</u>	<u>Interval</u>	<u>Units of Gas</u>
30'	4095-4125'	10
15'	4265-4280'	2500
5'	4305-4310'	100
10'	4415-4425'	290
5'	4450-4455'	80
10'	4520-4530'	150
15'	4540-4555'	250
5'	4575-4580'	80
20'	4987-5007'	175
6'	5052-5058'	450
40'	5095-5135'	80
14'	5225-5239'	0
5'	5249-5254'	0
15'	5280-5295'	56
9'	5356-5364'	120
6'	5389-5395'	0
7'	5399-5406'	16
12'	5525-5537'	312
8'	5551-5559'	104
8'	5601-5609'	168
9'	5619-5628'	224
20'	5656-5676'	50
4'	5697-5701'	50
3'	5762-5765'	0
6'	5767-5773'	78
3'	5782-5785'	84
9'	5787-5796'	140
15'	5856-5871'	1080
13'	5906-5919'	64
14'	5940-5954'	96
14'	5971-5985'	96
7'	5988-5995'	64
18'	5996-6014'	64
11'	6058-6069'	80
10'	6072-6082'	104
2'	6110-6112'	240
19'	6115-6139'	400+
14'	6217-6231'	0
9'	6251-6260'	0
2'	6269-6271'	0
10'	6321-6331'	24
5'	6370-6375'	64

FORMATION TOPS

<u>Formation</u>	<u>Sample</u>	<u>Log</u>	<u>Datum</u>
Evacuation Creek		780'	+4360'
Parachute Creek	1300'	1378'	+3762'
H-Marker		2693'	+2447'
K-Marker		3256'	+1884'
Wasatch	4150'	4090'	+1050'
Y-Marker		4970'	+ 170'
Mesaverde		5340'	- 200'

K. B. Elevation: 5140'

Total Depth: Driller - 6466'

Logger - 6470'

DRILLSTEM TESTSDST #1, 4265-4287'

IH	2186#	
FH	2155#	
IF	63-84#	(10 minutes)
FF	63-221#	(90 minutes)
ISI	2077#	(45 minutes)
FSI	2052#	(180 minutes)

Initial open with weak blow (2 psi) in one minute, increasing to bottom of bucket in two minutes and psi increasing to 14 in 10 minutes. No gas.  
Second open with strong blow to bottom of bucket and 26 psi in one minute, increasing to 160 psi in 85 minutes. Gas to surface at the following rates:

<u>Time</u>	<u>Choke Size</u>	<u>Pressure</u>	<u>Rate</u>
9:30	1/4"	26#	56.3 MCFD
10:00	1/4"	88#	142.6 MCFD
10:30	1/4"	136#	222 MCFD
11:00	1/4"	160#	258 MCFD

Pipe Recovery: 90 feet of gas-cut drilling mud.

Sample Chamber Recovery: 3.5 cubic feet gas at 600 psig.

BHT: 124 degrees F.

Resistivity of Mud: .07 ohms at 50 degrees F., 175,000 ppm Chloride.

DST #2, 5531-5711'

IH	2788#	
FH	2725#	
IF	137-137#	(10 minutes)
FF	125-162#	(90 minutes)
ISI	1285#	(45 minutes)
FSI	2559#	(180 minutes)

Tool opened with a strong blow and stayed through first flow period. On second flow, opened with strong blow and gas to surface in five minutes of second period.

<u>Time</u>	<u>Choke Size</u>	<u>Pressure</u>	<u>Rate</u>
5 min.	1/4"	15#	39.2 MCFD
10 min.	1/4"	14#	37.6 MCFD
20 min.	1/4"	13#	35.9 MCFD
25 min.	1/4"	14#	37.6 MCFD
30 min.	1/4"	15#	39.2 MCFD
40 min.	1/4"	18#	43.9 MCFD

DST #2, 5531-5711' (continued)

<u>Time</u>	<u>Choke Size</u>	<u>Pressure</u>	<u>Rate</u>
50 min.	1/4"	21#	48.7 MCFD
60 min.	1/4"	23#	51.8 MCFD
70 min.	1/4"	27#	57.7 MCFD
80 min.	1/4"	30#	61.9 MCFD
90 min.	1/4"	38#	73.0 MCFD

Pipe Recovery: 342' slightly gas-cut mud.

Sample Chamber Recovery: 1350 cc mud plus 1/10 cubic feet gas at 60 psig.

BHT: 148 degrees F.

Resistivity of Mud Recovery: .03 ohms at 64 degrees F., 200,000+ ppm.

Nitrates before DST 210 ppm, after DST 180 ppm, Sample 45 ppm.

DST #3, 5795-5876'

IH	2921#	
FH	2901#	
IF	94-94#	(10 minutes)
FF	56-80#	(60 minutes)
ISIP	2175#	(60 minutes)
FSIP	2336#	(180 minutes)

Tool opened with strong blow, increased to bottom of bucket in one minute.

Surface flow pressure increased to 12 psi in 10 minutes. No gas to surface in first flow period. Gas to surface immediately in second open period with 28 psi pressure.

<u>Time</u>	<u>Choke Size</u>	<u>Pressure</u>	<u>Rate</u>
5 min.	1/4"	26#	56.3 MCFD
10 min.	1/4"	23	51.8 MCFD
15 min.	1/4"	21#	48.7 MCFD
20 min.	1/4"	18.5#	44.7 MCFD
25 min.	1/4"	16#	40.9 MCFD
30 min.	1/4"	14#	37.6 MCFD
35 min.	1/4"	13#	35.9 MCFD
40 min.	1/4"	11#	32.4 MCFD
45 min.	1/4"	10#	30.8 MCFD
50 min.	1/4"	9#	29 MCFD
55 min.	1/4"	8#	27 MCFD
60 min.	1/4"	7#	25 MCFD

Pipe Recovery: 154' of drilling mud.

Sample Chamber Recovery: 100 cc mud, .3 cubic feet of gas, pressure 10 psi.

BHT: 150 degrees F.

Mud in Sampler: .12 ohms at 60 degrees = 80,250 ppm

Mud Pit Sample: .10 ohms at 60 degrees = 90,200 ppm



DST #3, 5795-5876' (continued)

Mud Recovery:	Top	.07 ohms at 60 degrees F.	140,000 ppm
	Middle	.08 ohms at 60 degrees F.	115,000 ppm
	Bottom	.08 ohms at 60 degrees F.	115,000 ppm

Nitrates before DST 60ppm, sampler 42 ppm

DST #4, 6070-6250'

IH	3173#	
FH	3131#	
IF	61-66#	(30 minutes)
FF	33-66#	(60 minutes)
ISIP	1050#	(60 minutes)
FSIP	1782#	(180 minutes)

First flow period opened with a strong blow and increased to 10 psi in 30 minutes. No gas to surface during initial period. Second flow period, gas to surface immediately with 6 psi at the surface, decreased to zero psi in 30 minutes.

<u>Time</u>	<u>Choke Size</u>	<u>Pressure</u>	<u>Rate</u>
5 min.	1/4"	5#	20.7 MCFD
10 min.	1/4"	3#	15.7 MCFD
15 min.	1/4"	2#	12.7 MCFD
20 min.	1/4"	1#	8.9 MCFD

Pipe Recovery: 160' of drilling mud.

Sample Chamber Recovery: 1700 cc mud, .2 cubic feet of gas, pressure 2 psig.

BHT: 158 degrees F.

 $R_w$  of Sample: .13 ohms at 60 degrees = 80,750 ppm Chloride

Mud Pit Sample: .09 ohms at 65 degrees = 95,000 ppm Chloride

Mud Recovery on DST $R_w$	Top	.1 ohms at 75 degrees F.	80,500 ppm Chloride
	Middle	.18 ohms at 80 degrees F.	30,400 ppm Chloride
	Bottom	.15 ohms at 75 degrees F.	40,500 ppm Chloride

Nitrates before 54 - Sampler 44, After 40

SAMPLE DESCRIPTION

<u>Depth</u>	<u>Lithology</u>
1050-1130'	Sandstone, light green, tan, white, very fine grain, sub-angular, fair sorting, calcareous; siltstone, gray, light green, argillaceous, calcareous, hard.
1130-1210'	Sandstone, light green, tan, white, some very poorly sorted, very fine grain, some coarse grain, sub-angular, calcareous, argillaceous; siltstone, light green, gray, argillaceous, calcareous, hard.
1210-1280'	Sandstone, light green, tan, white, fine to very fine grain, fair sorting, sub-angular to sub-rounded, calcareous, argillaceous, well cemented; siltstone, light green, gray, argillaceous, calcareous, hard.
1280-1340'	Marlstone, brown, tan, cream, calcareous, hard; siltstone, brown, tan, marly, calcareous, hard. No cut or fluorescence.
1340-1350'	Marlstone, dark brown, tan, calcareous; siltstone, tan, brown, cream, calcareous, marly. No shows.
1350-1380'	No sample.
1380-1470'	Marlstone, brown, red-brown, tan, calcareous, hard, some silty. No shows.
1470-1510'	Marlstone, brown, red-brown, tan, some dark brown to black, slow milky cut after 3-5 minutes, no fluorescence, highly calcareous, very hard.
1510-1570'	Marlstone, brown, tan, dark brown-black, cream, calcareous, hard, very slow cut.
1570-1680'	No samples.
1680-1790'	Marlstone, brown, red-brown, tan, calcareous, hard.
1790-1950'	Marlstone, brown, dark brown, tan, buff, calcareous, hard, fair to poor fluorescence and milky cut.
1950-2020'	Marlstone, tan, buff, brown, calcareous, hard, good fluorescence, milky cut.
2020-2070'	Marlstone, brown, dark brown, tan, calcareous, hard, good fluorescence, milky cut, some laminations.
2070-2130'	Marlstone, tan, buff, cream, brown, calcareous, hard, good fluorescence, milky cut.

SAMPLE DESCRIPTION - (continued)

2130-2200' Marlstone, cream, buff, tan, brown, calcareous, good fluorescence, milky cut.

2200-2270' Marlstone, tan, cream, brown, some dark brown to black, calcareous, good fluorescence, milky cut.

2270-2350' Marlstone, cream, tan, brown, calcareous, good fluorescence, milky cut; siltstone, cream, tan, calcareous, marly.

2350-2470' Marlstone, gray, cream, tan, brown, calcareous, some silty, good fluorescence, milky cut; siltstone, gray, tan, calcareous, marly; shale, gray, calcareous, silty.

2470-2510' Marlstone, brown to dark brown, tan, cream, calcareous, silty, fair fluorescence, slow milky cut; shale, gray, green-gray, calcareous, silty.

2510-2550' Marlstone, cream, tan, brown, silty, calcareous, fair fluorescence, slow milky cut; shale, gray, tan, calcareous, some silty.

2550-2620' Marlstone, brown, cream, tan, calcareous, some silty, good fluorescence, slow milky cut; shale, gray, tan, calcareous, some silty.

2620-2670' Marlstone, dark brown, brown, tan, cream, calcareous, good fluorescence, slow to very slow milky cut; shale, gray, tan, silty, calcareous.

2670-2710' Shale, gray, green-gray, very calcareous, some silty, no fluorescence, no cut; marlstone, brown, tan, calcareous, silty, poor fluorescence and cut.

2710-2720' Marlstone, brown, tan, calcareous, good fluorescence, milky cut; shale, gray, calcareous.

2720-2760' Shale, gray, calcareous, no fluorescence or cut.

2760-2770' Shale, gray, calcareous; marlstone, cream, calcareous, silty, good fluorescence, no cut.

2770-2790' Shale, gray, calcareous, no fluorescence or cut; marlstone, brown, tan, cream, calcareous, fair fluorescence, poor cut.

2790-2800' No sample.

2800-2910' Shale, gray, light gray, dark gray, calcareous, silty; siltstone, light gray, calcareous; rare very fine grain sandstone, light gray, calcareous.

SAMPLE DESCRIPTION - (continued)

2910-2980'	Shale, gray, calcareous, silty; marlstone, brown, tan, calcareous; siltstone, light gray, calcareous; rare very fine grain sandstone, light gray, cream, white, calcareous.
2980-3020'	Shale, gray, gray-brown, brown, occasionally silty, calcareous; siltstone, light gray, calcareous.
3020-3070'	Marlstone, brown, orange-brown, calcareous, fair fluorescence, very slow milky cut; shale, gray, silty, calcareous; siltstone, light gray, green-gray, calcareous.
3070-3150'	Shale, gray, calcareous, some silty; marlstone, brown, gray-brown, calcareous, poor fluorescence, no cut; rare siltstone, white, light gray.
3150-3170'	Shale, gray, silty, calcareous; marlstone, brown, gray-brown, calcareous, some fluorescence, no cut; sandstone, very fine grain, light gray, white, calcareous.
3170-3180'	Shale, gray, silty, calcareous; sandstone, gray, light gray, shaley and silty, very poorly sorted, well cemented, calcareous.
3180-3190'	Shale, gray, light-gray, calcareous, very silty; marlstone, tan, buff, brown, silty, soft, calcareous, fair fluorescence, very slow cut.
3190-3200'	Marlstone, brown, dark-brown, tan, calcareous, no fluorescence, no cut; shale, gray, calcareous, silty; sandstone, white, very fine grained, light-gray, calcareous, well cemented.
3200-3270'	Shale, gray, brown-gray, calcareous, very silty; sandstone, light gray, white, very fine grained, poorly sorted, sub-angular, well cemented; marlstone, brown, calcareous.
3270-3300'	Marlstone, brown, dark-brown, tan, calcareous; shale, gray, silty.
3300-3350'	Shale, gray, brown-gray, some silty, calcareous; marlstone, brown, tan, calcareous; siltstone, gray.
3350-3370'	No sample.
3370-3430'	Shale, gray, brown-gray, silty, calcareous; marlstone, brown, calcareous; sandstone, very fine grain, light gray, calcareous.
3430-3650'	Marlstone, brown, dark-brown, slightly calcareous, poor to fair fluorescence, very slow cut, soft, some platy; shale, gray, brown, brown-gray, silty, calcareous.

SAMPLE DESCRIPTION - (continued)

- 3650-3710' Shale, brown, dark-brown, gray-brown, gray, slightly calcareous, some silty, fair fluorescence, no cut; marlstone, brown, dark brown, calcareous.
- 3710-3760' Shale, gray, brown-gray, gray-brown, silty, marly, calcareous; marlstone, brown, gray-brown, fair fluorescence, no cut; rare coal.
- 3760-3780' Shale, gray-brown, brown-gray, gray, brown, silty, marly, calcareous; marlstone, brown, dark-brown; occasional coal.
- 3780-3830' Shale, brown-gray, gray, gray-brown, brown, silty, calcareous, some marly; marlstone, brown; coal - abundant to occasional.
- 3830-3840' Marlstone, brown, dark-brown, shaley, silty, slightly calcareous, fair fluorescence, very slow cut; shale, brown-gray, gray, silty, calcareous; rare coal.
- 3840-3930' Shale, gray, brown-gray, silty, calcareous; marlstone, brown, dark brown, coaly; rare sandstone, white, very fine grain.
- 3930-4000' Shale, gray-brown, brown, brown-gray, silty, calcareous, marly; rare sandstone, white, very fine grain; rare calcite, crystalline, white to tan.
- 4000-4020' Shale, gray-brown, brown, some silty, very calcareous-limey; limestone, brown, tan, argillaceous; calcite, crystalline, white, tan; sandstone, white, very fine grain.
- 4020-4070' Shale, gray, green-gray, brown-gray, brick red, yellow-green, purple-gray, purple, calcareous, marly, very silty; limestone, brown, tan, argillaceous; sandstone, white, very fine grain, some salt and pepper, poor porosity, tight, fairly well sorted, sub-angular to sub-rounded, no shows.
- 4070-4090' Siltstone, brick red, purple, gray, green-gray, yellow-green, brown, argillaceous, very calcareous; rare sandstone as above.
- 4090-4130' Sandstone, salt and pepper, fine to very fine grain, poorly sorted, sub-rounded, well cemented, tight, calcareous, no show; siltstone, varicolored as above.
- 4130-4310' Siltstone, green-gray, brick red, purple, yellow-green, calcareous, argillaceous; sandstone, as above.
- 4310-4340' Sandstone, white, salt and pepper, gray, fine grain, fairly well sorted, sub-rounded, calcareous, no fluorescence, no cut, well cemented, fairly tight; siltstone, as above.

SAMPLE DESCRIPTION - (continued)

- 4340-4360' Siltstone, maroon, red-brown, yellow-brown, gray, shaley, calcareous; shale, gray, maroon, very silty; sandstone, as above.
- 4360-4390' Sandstone, white, salt and pepper, gray, fine to very fine grain, poorly sorted, calcareous, tight, no fluorescence, no cut; siltstone, gray, maroon, calcareous; shale, gray, calcareous.
- 4390-4420' Siltstone, gray, calcareous; shale, gray, calcareous; sandstone, gray to white, very fine grain, calcareous.
- 4420-4490' Sandstone, gray, salt and pepper, very fine to fine grain, some medium grain, poorly sorted, sub-rounded, well cemented, calcareous, tight, no fluorescence, no cut; siltstone, gray, maroon, calcareous.
- 4490-4500' Siltstone, gray, sandy, calcareous; sandstone, very fine to medium grain, gray, salt and pepper, calcareous, no show.
- 4500-4520' Siltstone, brown, gray, gray-brown, very calcareous, some sandy; sandstone, gray, salt and pepper, fine to very fine grain, calcareous, tight, no show.
- 4520-4530' Sandstone, gray to white, salt and pepper, fine grain, fairly well sorted, calcareous, sub-rounded, no show; siltstone, gray, maroon-gray, red-gray, calcareous.
- 4530-4550' Siltstone, brown, gray-brown, gray, some very sandy, very calcareous; sandstone, as above.
- 4550-4610' Sandstone, white, grayish white, salt and pepper, fine to very fine grain, calcareous, well cemented, tight, no show, sub-rounded, poorly sorted; siltstone, gray, maroon-gray, calcareous, sandy.
- 4610-4630' Siltstone, gray, highly calcareous, some sandy; sandstone, gray, salt and pepper, calcareous, fine grain to very fine grain, moderately sorted, sub-rounded.
- 4630-4640' As above with some limestone, tan, very silty.
- 4640-4670' As above with almost no limestone.
- 4670-4730' Shale, brown, gray-brown, silty, calcareous; siltstone, tan, gray-tan, calcareous.
- 4730-4750' Sandstone, light gray, salt and pepper, fine to very fine grain, moderately well sorted, sub-angular to sub-rounded, tight, well cemented, highly calcareous.

SAMPLE DESCRIPTION - (continued)

- 4750-4760' Siltstone, tan, gray-tan, sand, highly calcareous; rare sandstone as above.
- 4760-4770' Shale, brown, gray-brown, silty, highly calcareous; siltstone, as above.
- 4770-4780' Sandstone, light gray, salt and pepper, very fine to fine grain, silty, poorly sorted, sub-rounded, well cemented, tight, highly calcareous.
- 4780-4790' Shale, brown, gray-brown, silty, highly calcareous.
- 4790-4800' Siltstone, gray, highly calcareous, argillaceous, some sandy.
- 4800-4820' Sandstone, gray, salt and pepper, very fine grain, silty, fairly well sorted, sub-rounded, highly calcareous, very tight, well cemented; siltstone, as above.
- 4820-4860' Siltstone, gray, some gray-brown, highly calcareous, argillaceous, some sandy; sandstone, as above.
- 4860-4870' Shale, dark-brown, with black streaks, laminated, very silty, no fluorescence, no cut; sandstone, white to gray, salt and pepper, medium to fine grain, poorly sorted, calcareous, sub-rounded, tight.
- 4870-4890' Shale, gray-brown, brown, green-gray, highly calcareous, silty; sandstone, white to gray, salt and pepper, fine grain, fairly well sorted, sub-rounded, calcareous, tight, well cemented.
- 4890-4900' Limestone, tan, slightly argillaceous, hard; some shale, as above.
- 4900-4930' Shale, brown, tan, gray-brown, highly calcareous, silty; sandstone, fine grain, white, salt and pepper, sub-rounded, well sorted, tight, calcareous.
- 4930-5030' Siltstone, gray, tan-gray, green-gray, highly calcareous, argillaceous; sandstone, gray, fine grain to very fine grain, some silty, calcareous, poorly sorted, tight; shale, gray-brown, highly calcareous, silty.
- 5030-5040' Sandstone, gray, salt and pepper, medium grain, fairly well sorted, sub-rounded, calcareous, well cemented, tight.
- 5040-5070' Siltstone, gray, green-gray, light green, tan, green, calcareous, argillaceous; sandstone as above.
- 5070-5090' Sandstone, gray, salt and pepper, very fine grain, very silty, slightly calcareous, fairly well sorted, tight; siltstone, as above.

SAMPLE DESCRIPTION - (continued)

- 5090-5100' Siltstone, gray, green-gray, calcareous, argillaceous, some sandy; sandstone, as above.
- 5100-5120' Siltstone, gray, dark gray, some sandy, slightly calcareous, argillaceous.
- 5120-5140' Sandstone, very fine to medium grain, gray, salt and pepper, poorly sorted, silty, well cemented, tight; siltstone, as above.
- 5140-5160' Siltstone, gray, dark-gray, slightly calcareous, argillaceous, some sandy; sandstone, as above.
- 5160-5170' Sandstone, white, gray, salt and pepper, fine to medium grain, fairly well sorted, slightly calcareous, tight; siltstone, as above.
- 5170-5190' Siltstone, dark gray, gray, some black (coaly?), slightly calcareous, argillaceous.
- 5190-5200' Siltstone, gray, argillaceous, slightly calcareous; shale, gray, silty, calcareous; sandstone, gray, salt and pepper, very fine grain, some fine to medium grain, moderately well sorted, tight, slightly calcareous.
- 5200-5260' Sandstone, gray, white, salt and pepper, very fine to fine grain, moderately well sorted, calcareous, argillaceous, well sorted, tight; siltstone, as above.
- 5260-5270' Siltstone, red-brown, gray, maroon-gray, calcareous, argillaceous.
- 5270-5290' Siltstone, gray, argillaceous, calcareous.
- 5290-5300' Sandstone, white, gray, salt and pepper, fine to medium grain, moderately well sorted, calcareous, argillaceous, well cemented, tight; siltstone, as above.
- 5300-5320' Sandstone, white, gray, white, salt and pepper, fine grain, calcareous, well sorted, tight, no show; shale, gray, brown, firm, slightly waxy appearance.
- 5320-5330' Sandstone, as above with sandstone, medium grain, argillaceous, calcareous, tight, no shows.
- 5330-5340' Sandstone, white and gray, fine to medium grain, calcareous, tight; shale, gray and brown, firm; trace coal.
- 5340-5350' Shale, gray, brown, green, drab, dull appearance, sub-waxy, firm; sandstone, as above with trace coarse grain, sub-angular, poorly sorted, tight, no show.



SAMPLE DESCRIPTION - (continued)

- 5350-5360' Sandstone, white and gray, fine grain, salt and pepper, tight, no show; shale as above with trace black carbonaceous material (coal?).
- 5360-5370' Shale, brown, green and gray, firm, sub-waxy.
- 5370-5380' Sandstone, white and gray, fine grain to medium grain, 10% coarse grained sub-angular, slightly friable, bright blue-white fluorescence, oily taste, very slow cut, poor show.
- 5380-5390' Sandstone, white and gray, fine grain, calcareous, argillaceous, slightly friable, no show; shale, gray and brown, firm.
- 5390-5420' Shale as above.
- 5420-5430' Sandstone, white and gray, fine to medium grain, calcareous, clay-filled, trace coarse grain, tight, no show; shale, gray and brown, green, firm, sub-waxy.
- 5430-5440' Sandstone, white, fine grain, salt and pepper, calcareous and argillaceous, friable, no show.
- 5440-5450' Sandstone as above with shale, brown, gray, trace green, black carbonaceous material in sand and in gray shale.
- 5450-5480' Shale, brown, gray and green, firm, sub-waxy; sandstone, white, very fine grain to fine grain.
- 5480-5490' Shale as above, mostly gray and brown; sandstone, white, fine grain, slightly calcareous.
- 5490-5500' Sandstone, white, gray-white, salt and pepper, fine grain, well sorted; shale, gray, brown and green, sub-waxy.
- 5500-5520' Shale, green, gray, brown, sub-waxy to waxy, firm; abundant coal. (5510-5520' - as above but good increase in varicolored and varigated shale.)
- 5520-5540' Shale as above with sandstone, white, fine grain, slightly calcareous, no show.
- 5540-5570' No samples.
- 5570-5580' Sandstone, white and gray, salt and pepper, slightly calcareous, clay-filled, fine to medium grain, slightly friable, no shows; shale, brown, firm, silty in part, carbonaceous.
- 5580-5590' Shale as above, increasing with shale, brown, gray and green, sub-waxy to waxy, trace varigated; sandstone as above.

SAMPLE DESCRIPTION - (continued)

- 5590-5600' As above with pale red shale; sandstone, white, salt and pepper, fine to medium grain, trace fluorescence and slow cut, poor show.
- 5600-5610' Shale, brown, pale green, gray, firm, sub-waxy, trace variegated.
- 5610-5640' Sandstone, white, salt and pepper, fine to medium grain, sub-rounded, salt and pepper, slightly friable, trace dull stain, poor show, low permability and porosity.
- 5640-5660' Sandstone as above, fine grain, blue-white fluorescence, slow cut, fair porosity and permeability, fair show.
- 5660-5670' Sandstone as above with shale varicolored.
- 5670-5690' Sandstone, white, salt and pepper, fine grain, abundant white-yellow-white fluorescence, oily taste, slightly friable to friable, fair porosity and permeability.
- 5690-5720' Sandstone as above with shale, gray, brown, green, firm, sub-waxy.
- 5720-5730' Sandstone, white and gray, salt and pepper, fine grain, calcareous, slightly friable, scattered pieces of good blue-white fluorescence, no cut, oily taste, poor porosity and permeability; shale, gray and gray-brown, firm, slightly blocky; trace shale, red.
- 5730-5740' Shale, brown, soft, carbonaceous; shale, gray, red, and green; sandstone as above, decreasing and very limited show.
- 5740-5750' Shale as above and with increase in shale, brown, firm sub-waxy; limestone, brown, very fine crystalline, earthy.
- 5750-5770' Shale, brown, soft-firm, in part carbonaceous, sub-waxy to earthy; shale, gray and green; sandstone, white and gray, salt and pepper, fine grain, calcareous; limestone, light brown, very fine crystalline, earthy.
- 5770-5780' Sandstone, white and light gray, with black grains, salt and pepper appearance, fine grain, calcareous, slightly friable, poor porosity and permeability, no show.
- 5780-5790' Sandstone as above with shale, brown, gray, gray-green, trace red, firm, sub-waxy, slightly blocky in part.
- 5790-5800' Sandstone, white, salt and pepper, calcareous, good blue-white fluorescence, no cut, fair porosity and permeability, fair show.

SAMPLE DESCRIPTION - (continued)

- 5800-5820' Sandstone as above, no show; shale, brown, gray and green, firm, sub-waxy.
- 5820-5830' Shale, brown, gray, green-gray, green, firm, sub-waxy; brown shale in part, very carbonaceous.
- 5830-5850' Shale as above with sandstone, white, gray, salt and pepper, fine grain, trace medium grain, calcareous, sub-rounded, slightly friable, no show.
- 5850-5860' Shale, brown-dark brown, carbonaceous, firm; shale, gray, green.
- 5860-5870' Shale as above with sandstone, white, salt and pepper, fine to medium grain, sub-rounded, calcareous, slightly friable, blue-white fluorescence, no cut, poor porosity and permeability, poor show.
- 5870-5875' Sandstone, white, fine and medium grain, salt and pepper, sub-angular to sub-rounded, poorly sorted, non-calcerous, clay-filled, abundant coarse grain, black grain, angular, oily taste, 100% blue-white fluorescence, no cut, fair porosity and permeability, fair show.
- Circulated samples: Sandstone as above, increase in shale, brown, gray and green-gray.
- 5875-5880' No sample.
- 5880-5900 Sandstone, white and gray, fine grain, salt and pepper, fair sorting, slightly calcareous, clay-filled, poor porosity and permeability; shale, gray, firm, brown, slightly carbonaceous, earthy, soft; trace coal.
- 5900-5910' Shale as above, increasing; sandstone as above with some medium grain.
- 5910-5920' Sandstone, white and gray, fine grain, salt and pepper, non-calcareous, clay-filled, poor porosity and permeability, blue-white fluorescence, poor show; shale as above.
- 5920-5930' Sandstone as above with sandstone, medium grain, salt and pepper, sub-rounded, fair sorting, very slightly calcareous in part, clay-filled, blue-white fluorescence, poor porosity and permeability, poor show; trace coal and pyrite; shale, brown, earthy, carbonaceous, gray, firm.
- 5930-5940' Sandstone, gray, very fine grain, argillaceous.
- 5940-5950' Sandstone as above, with shale, brown, carbonaceous, earthy; shale, gray, firm.

SAMPLE DESCRIPTION - (continued)

- 5950-5960' Sandstone, white, very fine to fine grain, slightly salt and pepper appearance, very clean, white appearance, very calcareous, well sorted, no porosity or permeability, no show.
- 5960-5970' Sandstone as above, with sandstone, very fine grain to fine grain, scattered blue-white, yellow-white fluorescence, no cut, poor porosity and permeability, poor show.
- 5970-5980' Sandstone, white, very fine grain to fine grain, slightly salt and pepper appearance, very clean, slightly calcareous, some clay-filled, tight, no show.
- 5980-5990' Sandstone as above, with some medium grain, sub-rounded to rounded, fair sorting, slightly calcareous, abundant yellowish-blue fluorescence, no cut, poor porosity and permeability, poor show.
- 5990-6000' No sample.
- 6000-6010' Sandstone as above, decrease in show, appears tight; increase in carbonaceous material along bedding or fracture planes, poor show.
- 6010-6030' Sandstone, white, fine grain, salt and pepper, very clean appearance, slightly friable, calcareous and clay-filled, abundant yellowish-blue fluorescence, poor porosity and permeability, poor show.
- 6030-6040' Sandstone as above, with abundant shale.
- 6040-6050' Sandstone as above, slightly friable, scattered show, poor show.
- 6050-6070' Sandstone, white, salt and pepper, fine grain to medium grain, sub-angular to sub-rounded, well sorted, very calcareous, clay-filled in part, friable, abundant yellowish-blue fluorescence, poor porosity and permeability, poor show.
- 6070-6080' Sandstone, white, fine grain, sub-rounded, salt and pepper, very clean appearance, calcareous, clay-filled in part, abundant bluish-yellow fluorescence, poor porosity and permeability, poor show.
- 6080-6090' Sandstone as above, with sandstone, white, salt and pepper, sub-angular to angular, friable in part, calcareous, clay-filled, poor to fair porosity and permeability, blue-white and yellow fluorescence, no cut, poor show.
- 6090-6110' Sandstone as above, with decrease in show; shale, gray-brown, brown, earthy, blocky; trace coal.

SAMPLE DESCRIPTION - (continued)

- 6110-6150' Sandstone, white, fine grain, salt and pepper, calcareous, slightly friable, sub-angular, fair sorting, carbonaceous in part, poor porosity and permeability, scattered yellow-white fluorescence, slight oily taste, poor show; shale, brown and gray, carbonaceous, soft to firm.
- 6150-6160' Sandstone as above with shale, brown, brownish-black, carbonaceous; shale, gray, green-gray, sub-waxy, firm; coal.
- 6160-6170' Shale as above, mostly dark brown, very carbonaceous with green, gray, brown, splintery, waxy shale.
- 6170-6180' Sandstone, white, gray-white, salt and pepper, very fine grain to fine grain, slightly calcareous, argillaceous, bluish-yellow fluorescence, poor porosity and permeability, poor show.
- 6180-6210' Shale, dark brown and brownish-black, very carbonaceous, earthy appearance, soft; also coaly in part; shale, gray, green, brown, firm, sub-waxy to waxy; trace coal.
- 6210-6220' Shale as above with sandstone, very fine grain, grades to siltstone, white and gray, salt and pepper, very hard and tight, no show.
- 6220-6240' Sandstone, white, salt and pepper, fine grain, well sorted, clay-filled in part, slightly calcareous, yellow-white fluorescence, no cut, poor porosity and permeability, poor show.
- 6240-6250' Sandstone as above, with shale and siltstone, brown to dark brown, very carbonaceous, argillaceous, soft; trace coal.
- 6250-6290' Shale, brown-dark brown, very carbonaceous, firm, earthy appearance; sandstone, white-gray, very fine grain to fine grain, carbonaceous in part, scattered fluorescence, no porosity or permeability.
- 6290-6310' Shale, dark brown-black, very carbonaceous, firm to hard; siltstone, dark brown, hard and tight; sandstone as above, no show; coal.
- 6310-6330' Sandstone, gray and tan, fine grain, very carbonaceous in part, calcareous, hard, tight, no show; also sandstone, gray, slightly friable to quartzitic.
- 6330-6340' Sandstone, gray and tan, salt and pepper, fine grain to medium grain, sub-angular to sub-rounded, calcareous, very carbonaceous in part, very poor porosity and permeability, dull gray-blue fluorescence, very poor show in tight sandstone.

SAMPLE DESCRIPTION - (continued)

- 6340-6350' Shale, brown, dark brown, brownish-black, firm to hard, carbonaceous, earthy and blocky in part; coal.
- 6350-6390' Shale as above, with sandstone, gray and tan, salt and pepper, fine grain, calcareous, scattered dull whitish-blue fluorescence.
- 6390-6450' Shale, brown-dark brown-black, very carbonaceous, coaly, firm to hard, scattered sandstone as above; siltstone, brown-gray, hard, carbonaceous; coal.
- 6450-6460' Shale as above, with sandstone and siltstone, slightly friable to hard, no shows; abundant coal.
- 6460' As above with sandstone, gray, very fine grain, slightly calcareous, salt and pepper, firm to slightly friable, no show.

Contractor Anderson Drig. Co.  
Rig No. 6  
Spot NE-NE  
Sec. 9  
Twp. 9 S  
Rng. 24 E  
Field Natural Buttes  
County Uintah  
State Utah  
Elevation 5137' "Ground"  
Formation Mesa Verde

Top Choke 1/4"  
Bottom Choke 3/4"  
Size Hole 7 7/8"  
Size Rat Hole --  
Size & Wt. D. P. 4 1/2" 16.60  
Size Wt. Pipe --  
I. D. of D. C. 2 1/4"  
Length of D. C. 405'  
Total Depth 6250'  
Interval Tested 6070-6250'  
Type of Test Bottom Hole  
Conventional

Flow No. 1 30 Min.  
Shut-in No. 1 60 Min.  
Flow No. 2 60 Min.  
Shut-in No. 2 180 Min.  
Flow No. 3 -- Min.  
Shut-in No. 3 -- Min.

Bottom  
Hole Temp. 158°F  
Mud Weight 9.7  
Gravity --  
Viscosity 39

Tool opened @ 7:20 AM.

Outside Recorder

PRD Make Kuster K-3  
No. 13436 Cap. 5450 @ 6248'

Press	Corrected
Initial Hydrostatic A	3174
Final Hydrostatic K	3084
Initial Flow B	201
Final Initial Flow C	183
Initial Shut-in D	1112
Second Initial Flow E	138
Second Final Flow F	163
Second Shut-in G	1867
Third Initial Flow H	--
Third Final Flow I	--
Third Shut-in J	--

Lynes Dist.: Rock Springs, Wy.

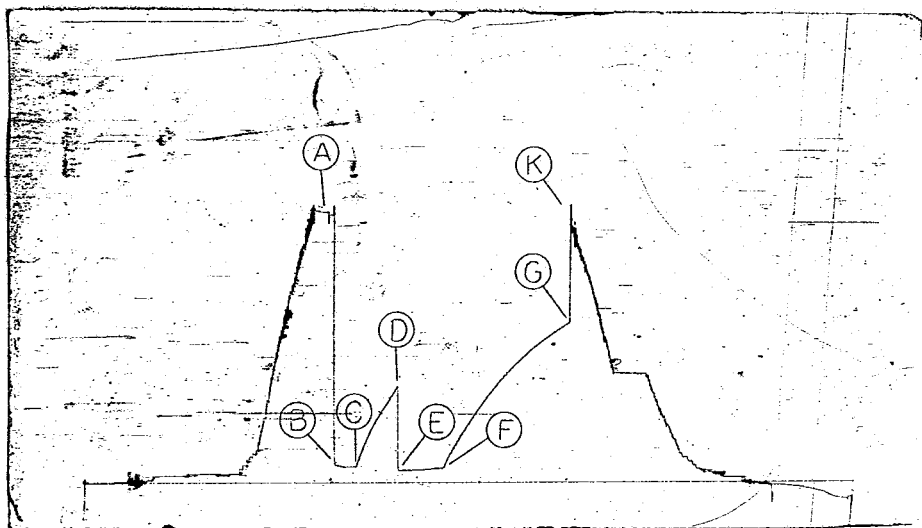
Our Tester: Bill Alford

Witnessed By: Ron Firth

Did Well Flow - Gas Yes Oil No Water No  
RECOVERY IN PIPE: 160' Drilling mud = 0.78 bbl.

1st Flow - Tool opened with a strong blow, increased to bottom of bucket in 1 minute and continued to increase thru remainder of flow period.  
2nd Flow - Tool opened with a strong blow, gas to surface, see gas volume report.

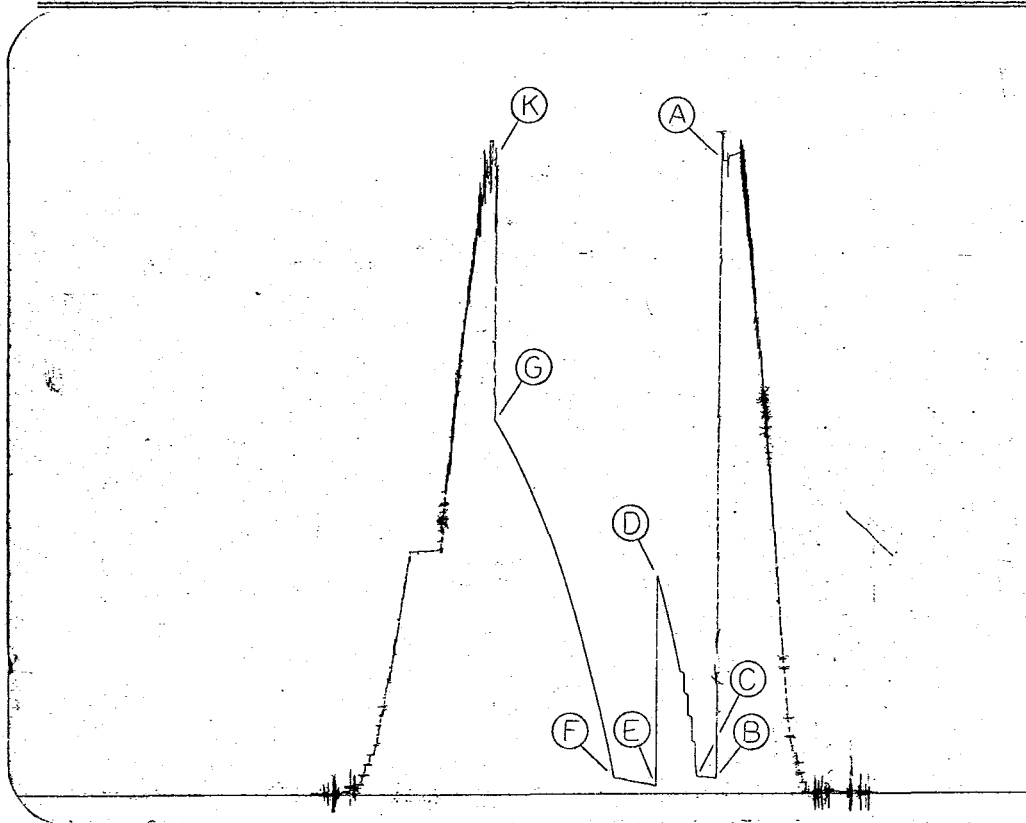
REMARKS: -----



Operator Pacific Transmission Supply Co.  
Well Name and No. Devils Playground #41-9  
DST No. 4  
Address See Distribution  
Ticket No. 10169  
Date 2-14-78  
No. Final Copies 6

# LYNES, INC.

Operator Pacific Transmission Supply Co Lease & No. Devils Playground #41-9 DST No. 4



Inside Recorder		
PRD Make <u>Kuster AK-1</u>		
No. <u>3697</u> Cap. <u>3700</u> @ <u>6045'</u>		
Press		Corrected
Initial Hydrostatic	A	3048
Final Hydrostatic	K	3028
Initial Flow	B	74
Final Initial Flow	C	82
Initial Shut-in	D	1040
Second Initial Flow	E	37
Second Final Flow	F	75
Second Shut-in	G	1783
Third Initial Flow	H	--
Third Final Flow	I	--
Third Shut-in	J	--

Pressure Below Bottom  
Packer Bled To

PRD Make _____		
No. _____ Cap. _____ @ _____		
Press		Corrected
Initial Hydrostatic	A	
Final Hydrostatic	K	
Initial Flow	B	
Final Initial Flow	C	
Initial Shut-in	D	
Second Initial Flow	E	
Second Final Flow	F	
Second Shut-in	G	
Third Initial Flow	H	
Third Final Flow	I	
Third Shut-in	J	

Pressure Below Bottom  
Packer Bled To



# LYNES, INC.

Operator Pacific Transmission Supply Co Lease & No. Devils Playground #41-9 DST No. 4

Recorder No. 13436

Initial Shut-In

0 min.	183	psig.
6 "	321	"
12 "	441	"
18 "	550	"
24 "	647	"
30 "	742	"
36 "	817	"
42 "	885	"
48 "	962	"
54 "	1039	"
60 "	1112	"

Final Shut-In

0 min.	163	psig.
18 "	425	"
36 "	665	"
54 "	876	"
72 "	1078	"
90 "	1247	"
108 "	1400	"
126 "	1542	"
144 "	1664	"
162 "	1769	"
180 "	1867	"

# LYNES, INC.

Pacific Transmssion  
Operator Supply Co. Lease & No Devils Playground #41-9 DST No. 4

2nd Flow:

[illegible]

Remarks:

# LYNES, INC.

## Fluid Sample Report

Date 2-14-78 Ticket No. 10169  
Company Pacific Transmission Supply Co ST No. 4  
Well Name & No. Devils Playground #41-9 State Utah  
County Uintah Test Interval 6070-6250'

Pressure in ~~S~~ampler 2 PSIG BHT 158 °F

Total Volume of Sampler: 2100 cc.

Total Volume of Sample: 1700 cc.

Oil: None cc.

Water: None cc.

Mud: 1700 cc.

Gas: 0.2 cu. ft.

Other: None

R.W. .13 @ 60°F = 65,000 ppm. chl.

### Resistivity

Make Up Water 7.0 @ 50°F of Chloride Content 1000 ppm.

Mud Pit Sample .09 @ 65°F of Chloride Content 90,000 ppm.

Gas/Oil Ratio \_\_\_\_\_ Gravity \_\_\_\_\_ °API @ \_\_\_\_\_ °F

Where ~~was~~ sample drained: On location.

Remarks: Recovery - Top Sample - R.W. 0.1 @ 75°F = 72,000 ppm. chl.

Middle Sample - R.W. .18 @ 80°F = 33,000 ppm. chl.

Bottom Sample - R.W. .15 @ 75°F = 43,000 ppm. chl.

# LYNES, INC.

## Distribution of Final Reports

Operator Pacific Transmission Supply Co. Well Name and No. Devils Playground #41-9

Original: Pacific Transmission Supply Co., Box 3093, Casper, Wyoming 82602 Attn:  
Dee Beardsley

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80202 Attn: J.R. Worble

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Sam Boltz

1 copy: B.W. Allen, Box 2352, Casper, Wyoming 82602

1 copy: Utah Oil & Gas Comm., 1588 W.N. Temple, Salt Lake City, Utah 84116

# LYNES, INC.

Operator Pacific Transmission Supply Co.

Lease & No. Devil's Playground #41-9

DST No. 3

## Inside Recorder

PRD Make Kuster AK-1  
No. 3812 Cap. 5100 @ 5777'

Press		Corrected
Initial Hydrostatic	A	2909
Final Hydrostatic	K	2880
Initial Flow	B	107
Final Initial Flow	C	96
Initial Shut-in	D	2140
Second Initial Flow	E	105
Second Final Flow	F	96
Second Shut-in	G	2340
Third Initial Flow	H	--
Third Final Flow	I	--
Third Shut-in	J	--

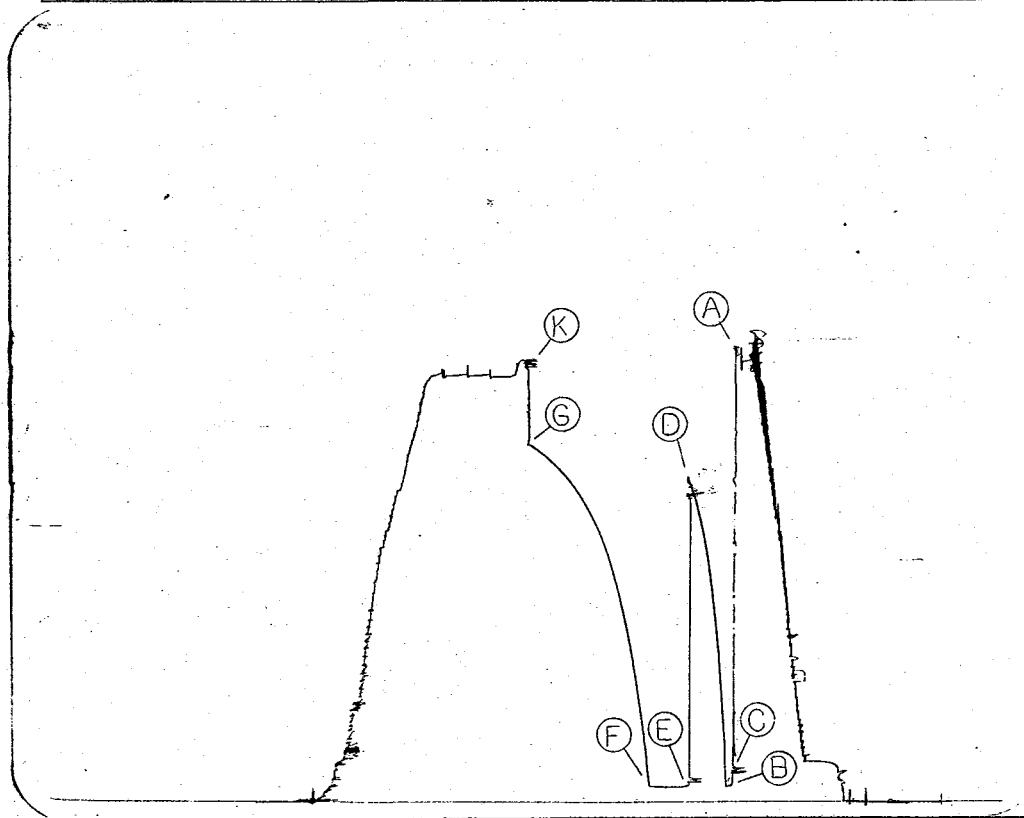
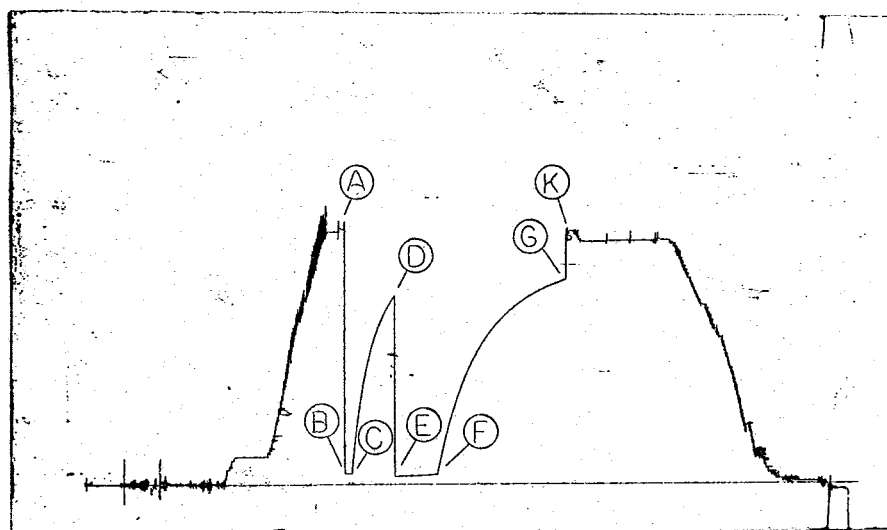
Pressure Below Bottom  
Packer Bled To

## Outside Recorder

PRD Make Kuster K-3  
No. 13436 Cap. 5450 @ 5872'

Press		Corrected
Initial Hydrostatic	A	2980
Final Hydrostatic	K	2903
Initial Flow	B	133
Final Initial Flow	C	133
Initial Shut-in	D	2150
Second Initial Flow	E	104
Second Final Flow	F	131
Second Shut-in	G	2351
Third Initial Flow	H	--
Third Final Flow	I	--
Third Shut-in	J	--

Pressure Below Bottom  
Packer Bled To



# LYNES, INC.

Operator Pacific Transmission  
Supply Co.

Lease & No. Devil's Playground  
#41-9

DST No. 3

Recorder No. 3697 @ 5772'

## Initial Shut-In

0 min.	85 psig.
6 "	540 "
12 "	923 "
18 "	1219 "
24 "	1448 "
30 "	1626 "
36 "	1778 "
42 "	1904 "
48 "	1995 "
54 "	2078 "
60 "	2145 "

## Final Shut-In

0 min.	81 psig.
18 "	698 "
36 "	1161 "
54 "	1501 "
72 "	1733 "
90 "	1903 "
108 "	2034 "
126 "	2144 "
144 "	2226 "
162 "	2290 "
180 "	2345 "

# LYNES, INC.

Pacific Transmission  
Operator Supply Co.

Lease & No. Devil's Playground  
#41-9

DST No. \_\_\_\_\_ 3

**2nd Flow:**

[illegible]

Remarks:

# LYNES, INC.

## Fluid Sample Report

Date 2-11-78 Ticket No. 10168  
Company Pacific Transmission Supply Co. DST No. 3  
Well Name & No. Devil's Playground #41-9 State Utah  
County Uintah Test Interval 5795-5876'

Pressure in Sampler 10 PSIG BHT 150 °F

Total Volume of Sampler: 2100 cc.  
Total Volume of Sample: 100 cc.  
Oil: None cc.  
Water: None cc.  
Mud: 100 cc.  
Gas: .3 cu. ft.  
Other: None

R.W. .12 @ 60°F = 71,000 ppm.chl.

### Resistivity

Make Up Water 10.0 @ 65°F of Chloride Content 550 ppm.

Mud Pit Sample .1 @ 60°F of Chloride Content 85,000 ppm.

Gas/Oil Ratio \_\_\_\_\_ Gravity \_\_\_\_\_ °API @ \_\_\_\_\_ °F

Where was sample drained On location

Remarks: \_\_\_\_\_ Recovery: \_\_\_\_\_

Top Sample - R.W. .07 @ 60°F = 135,000 ppm.chl.

Middle Sample - R.W. .08 @ 60°F = 120,000 ppm.chl.

Bottom Sample - R.W. .08 @ 60°F = 120,000 ppm.chl.



# LYNES, INC.

## Distribution of Final Reports

Operator Pacific Transmission Supply Co. Well Name and No. Devils Playground #41-9

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Sam Boltz

1 copy: B.W. Allen, Box 2352, Casper, Wyoming 82602

1 copy: Utah Oil & Gas Comm., 1588 W.N. Temple, Salt Lake City, Utah 84116

Contractor Anderson Drilg. Co.  
Rig No. 6  
Spot NE-NE  
Sec. 9  
Twp. 9 S  
Rng. 24 E  
Field Natural Buttes  
County Uintah  
State Utah  
Elevation 5137' "Ground"  
Formation Mesaverde

Top Choke 1/4"  
Bottom Choke 3/4"  
Size Hole 7 7/8"  
Size Rat Hole --  
Size & Wt. D. P. 4 1/2" 16.60  
Size Wt. Pipe --  
I. D. of D. C. 2 1/4"  
Length of D. C. 435'  
Total Depth 5711'  
Interval Tested 5531-5711'  
Type of Test Bottom Hole  
Conventional

Flow No. 1 10 Min.  
Shut-in No. 1 45 Min.  
Flow No. 2 90 Min.  
Shut-in No. 2 180 Min.  
Flow No. 3 -- Min.  
Shut-in No. 3 -- Min.

Bottom  
Hole Temp. 148°F  
Mud Weight 9.7  
Gravity --  
Viscosity 35

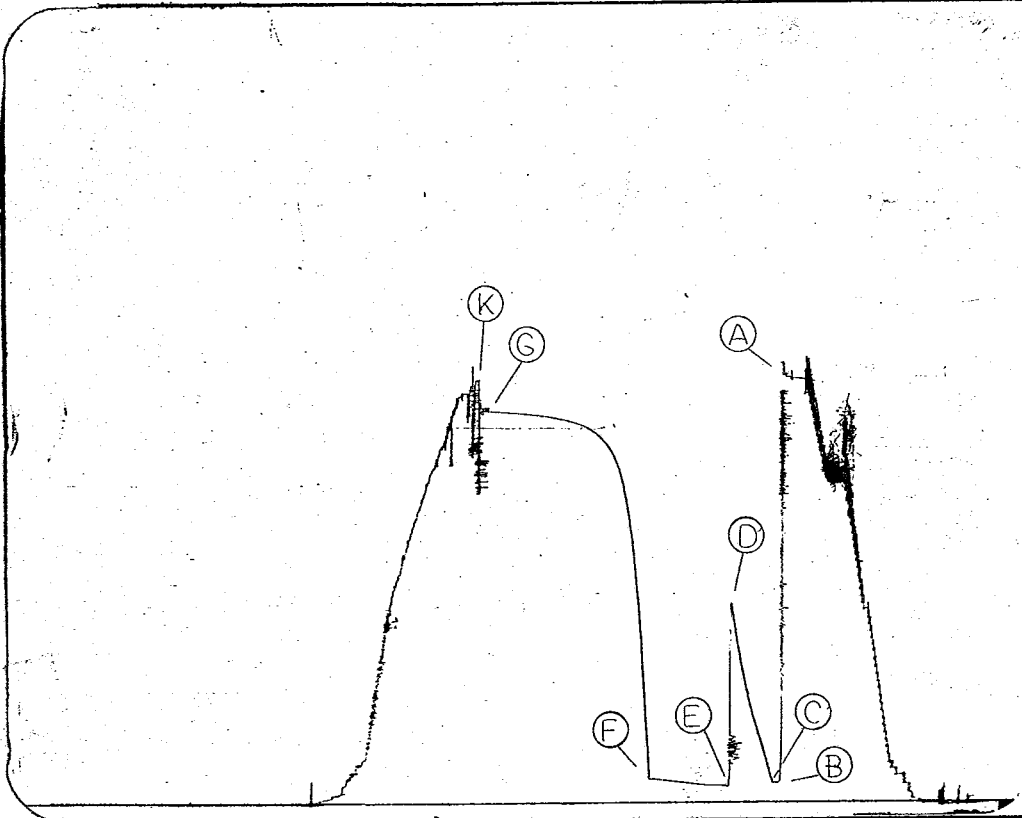
Tool opened @ 3:15 AM.

**Inside Recorder**

PRD Make Kuster AK-1  
No. 3812 Cap. 5100 @ 5536'

	Press	Corrected
Initial Hydrostatic	A	2784
Final Hydrostatic	K	2771
Initial Flow	B	139
Final Initial Flow	C	140
Initial Shut-in	D	1300
Second Initial Flow	E	119
Second Final Flow	F	165
Second Shut-in	G	2574
Third Initial Flow	H	--
Third Final Flow	I	--
Third Shut-in	J	--

Lynes Dist.: Rock Springs, Wy.  
Our Tester: Herman Coomer  
Witnessed By: Ron Firth



Did Well Flow — Gas Yes Oil No Water No

RECOVERY IN PIPE: 342' Slightly gas cut drilling mud = 1.68 bbl.

-----  
1st Flow - Tool opened with a strong blow, and remained thru flow period.

2nd Flow - Tool opened with a strong blow, gas to surface in 10 minutes, see gas volume report.  
-----

REMARKS:

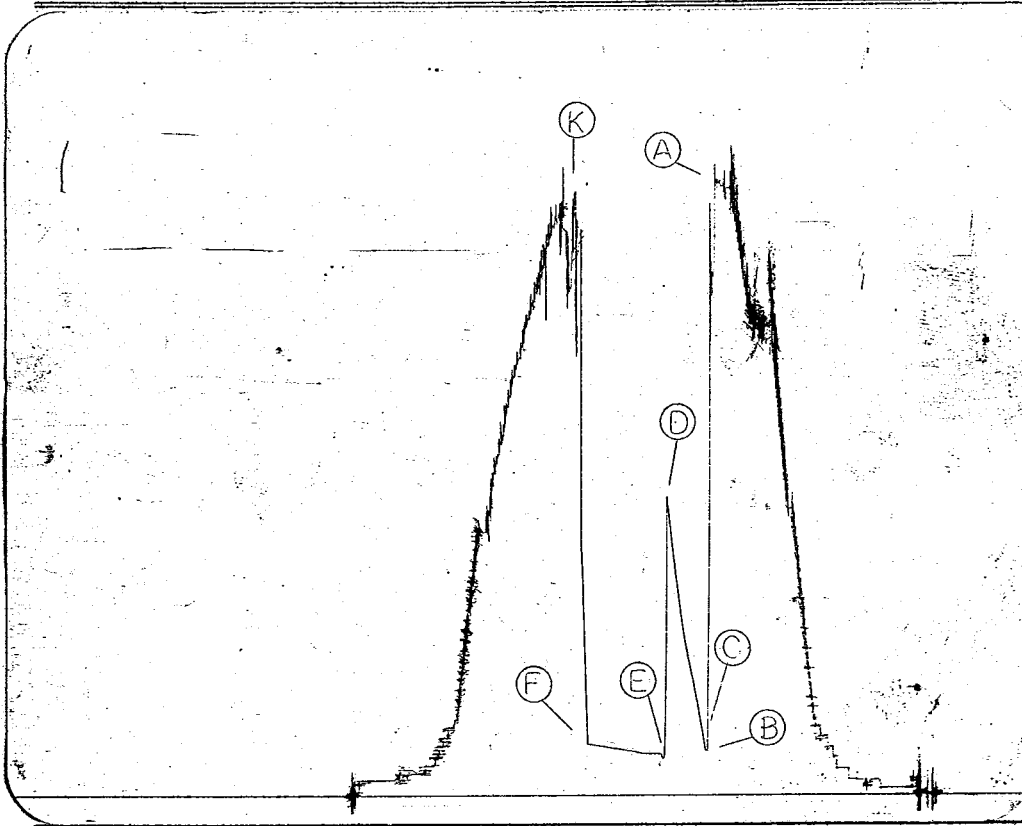
Operator Pacific Transmission & Supply Co. Well Name and No. Devil's Playground Unit #41-9 DST No. 2  
Address See Distribution Ticket No. 10214 Date 2-10-78 No. Final Copies 6

# LYNES, INC.

Operator Pacific Transmission  
Supply Co.

Lease & No. Devil's Playground  
Unit #41-9

DST No. 2



## Outside Recorder

PRD Make Kuster AK-1  
No. 3697 Cap. 3700 @ 5706'

Press		Corrected
Initial Hydrostatic	A	2904
Final Hydrostatic	K	2880
Initial Flow	B	216
Final Initial Flow	C	218
Initial Shut-in	D	1352
Second Initial Flow	E	180
Second Final Flow	F	249
Second Shut-in	G	*
Third Initial Flow	H	--
Third Final Flow	I	--
Third Shut-in	J	--

Pressure Below Bottom  
Packer Bled To

\* Clock stopped at the end of  
the second flow period.

PRD Make \_\_\_\_\_  
No. \_\_\_\_\_ Cap. \_\_\_\_\_ @ \_\_\_\_\_

Press		Corrected
Initial Hydrostatic	A	
Final Hydrostatic	K	
Initial Flow	B	
Final Initial Flow	C	
Initial Shut-in	D	
Second Initial Flow	E	
Second Final Flow	F	
Second Shut-in	G	
Third Initial Flow	H	
Third Final Flow	I	
Third Shut-in	J	

Pressure Below Bottom  
Packer Bled To

LYNES INC.  
-----

REPORT # 198

WELL NAME - DEVILS PLAYGROUND UNIT 41-9

WELL OPERATOR - PACIFIC TRANSMISSION SUPPLY CO.

DST NUMBER - 2

RECORDER NUMBER - 3812

FIRST SHUT IN PRESSURE  
-----

TIME(MIN) PHI -----	(T+PHI) /PHI -----	PSIG -----	PSIG <sup>2</sup> /10 <sup>6</sup> -----
.0	.0000	140	.0196
4.5	3.2222	230	.0529
9.0	2.1111	331	.1096
13.5	1.7407	420	.1764
18.0	1.5556	504	.2540
22.5	1.4444	595	.3540
27.0	1.3704	702	.4928
31.5	1.3175	830	.6889
36.0	1.2778	982	.9643
40.5	1.2469	1146	1.3133
45.0	1.2222	1300	1.6900

LYNES INC.  
-----

REPORT # 198

WELL NAME - DEVILS PLAYGROUND UNIT 41-9

WELL OPERATOR - PACIFIC TRANSMISSION SUPPLY CO.

DST NUMBER - 2

RECORDER NUMBER - 3812

SECOND SHUT IN PRESSURE  
-----

TIME(MIN) PHI -----	(T+PHI) /PHI -----	PSIG -----	PSIG <sup>2</sup> /10 <sup>6</sup> -----
.0	.0000	165	.0272
18.0	6.5556	1721	2.9618
36.0	3.7778	2252	5.0715
54.0	2.8519	2409	5.8033
72.0	2.3889	2476	6.1306
90.0	2.1111	2511	6.3051
108.0	1.9259	2533	6.4161
126.0	1.7937	2547	6.4872
144.0	1.6944	2557	6.5382
162.0	1.6173	2566	6.5844
180.0	1.5556	2574	6.6255

FITTED LINE:  $\text{LOG}((T_0 + \text{PHI}) / \text{PHI}) = -.43469 \text{ PSIG}^2 / 10^6 + 3.07193$

EXTRAPOLATION OF SECOND SHUT IN = 2658.36 M = 2300478.00

# LYNES, INC.

Operator Pacific Transmission Supply Co. Lease & No. Devil's Playground Unit #41-9 DST No. 2

## 2nd Flow:

Min.	PSIG	Orifice Size	MCF/D	Min.	PSIG	Orifice Size	MCF/D
10	14	1/4"	37.60				
15	13	"	35.90				
20	13	"	35.90				
25	14	"	37.60				
30	15	"	39.20				
35	16	"	40.90				
40	18	"	43.90				
45	20	"	47.10				
50	21	"	48.70				
55	22	"	50.20				
60	23	"	51.80				
65	25	"	54.70				
70	27	"	57.70				
75	29	"	60.40				
80	30	"	61.90				
85	34	"	67.50				
90	38	"	73.00				

Remarks:

# LYNES, INC.

## Fluid Sample Report

Date 2-10-78 Ticket No. 10214  
Company Pacific Transmission Supply Co. DST No. 2  
Well Name & No. Devil's Playground Unit #41-9 State Utah  
County Uintah Test Interval 5531-5711'

Pressure in Sampler 60 PSIG BHT 148 °F

Total Volume of Sampler: 2100 cc.  
Total Volume of Sample: 1350 cc.  
Oil: None cc.  
Water: None cc.  
Mud: 1350 cc.  
Gas: .1 cu. ft.  
Other: None

R.W. .03 @ 65°F = Saturated

### Resistivity

Make Up Water 8.0 @ 55°F of Chloride Content 825 ppm.

Mud Pit Sample .04 @ 85°F of Chloride Content 195,000 ppm.

Gas/Oil Ratio \_\_\_\_\_ Gravity \_\_\_\_\_ °API @ \_\_\_\_\_ °F

Where was sample drained \_\_\_\_\_

Remarks: Recovery:

Top Sample - R.W. .03 @ 72°F = Saturated

Middle Sample - R.W. .03 @ 80°F = Saturated

Bottom Sample - R.W. .04 @ 80°F = Saturated

# LYNES, INC.

## Distribution of Final Reports

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Sam Boltz

1 copy: B.W. Allen, Box 2352, Casper, Wyoming 82602

1 copy: Utah Oil & Gas Comm., 1588 W.N. Temple, Salt Lake City, Utah 84116



Contractor Anderson Drilling Co. Top Choke 1/4"  
Rig No. 6 Bottom Choke 3/4"  
Spot NE-NE Size Hole 7 7/8"  
Sec. 9 Size Rat Hole --  
Twp. 9 S Size & Wt. D. P. 4 1/2" 16.60  
Rng. 24 E Size Wt. Pipe --  
Field Natural Buttes I. D. of D. C. 2 1/4"  
County Uintah Length of D. C. 540'  
State Utah Total Depth 4287'  
Elevation 5137' "Ground" Interval Tested 4265-4287'  
Formation Wasatch Type of Test Bottom Hole  
Conventional

Flow No. 1 10 Min.  
Shut-in No. 1 45 Min.  
Flow No. 2 90 Min.  
Shut-in No. 2 180 Min.  
Flow No. 3 -- Min.  
Shut-in No. 3 -- Min.

Bottom  
Hole Temp. 124°F  
Mud Weight 9.5  
Gravity --  
Viscosity 35

Tool opened @ 8:35 AM.

**Outside Recorder**

PRD Make Kuster K-3

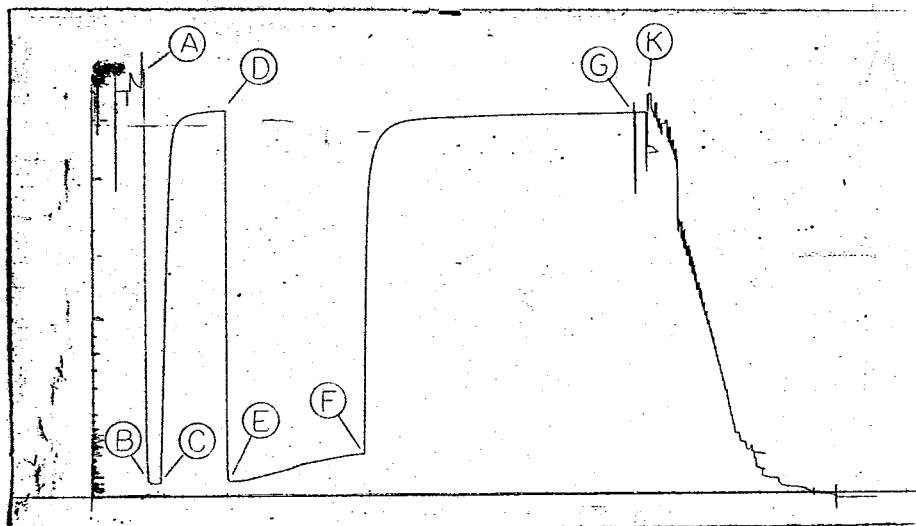
No. 13723 Cap. 2500 @ 4287'

	Press	Corrected
Initial Hydrostatic	A	2308
Final Hydrostatic	K	2155
Initial Flow	B	81
Final Initial Flow	C	76
Initial Shut-in	D	2080
Second Initial Flow	E	78
Second Final Flow	F	228
Second Shut-in	G	2048
Third Initial Flow	H	--
Third Final Flow	I	--
Third Shut-in	J	--

Lynes Dist.: Rock Springs, Wy.

Our Tester: Bill Alford

Witnessed By: Ray Firth



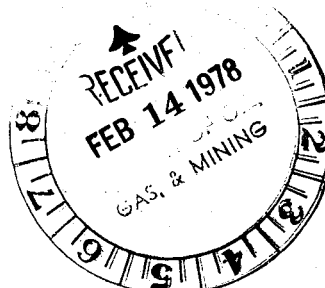
Did Well Flow — Gas Yes Oil No Water No

RECOVERY IN PIPE: 90' Gas cut drilling mud = .44 bbl.

-----  
1st Flow - Tool opened with a weak blow, increased to bottom of bucket in 2 minutes and continued to increase thru remainder of flow period.

2nd Flow - Tool opened with gas to surface, see gas volume report.  
-----

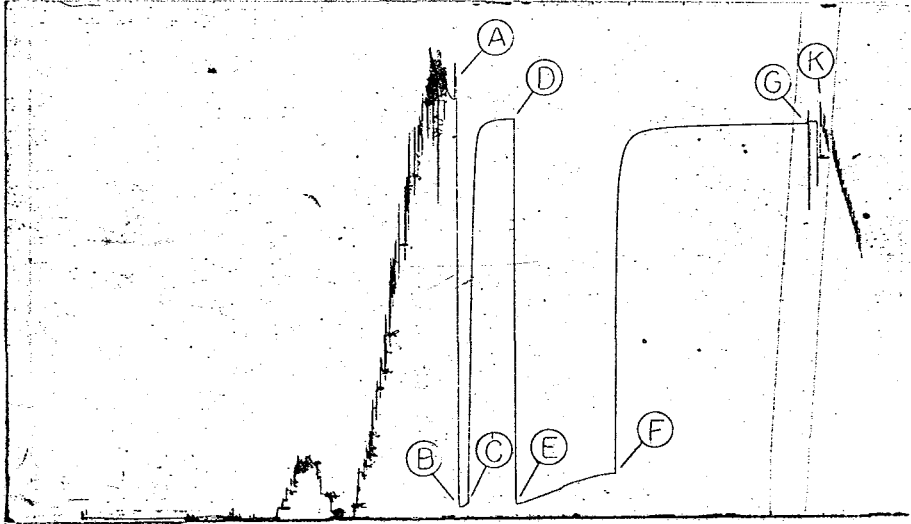
REMARKS:



Operator Pacific Transmission Supply Co. Well Name and No. Devils Playground #41-9 Ticket No. 10307 Date 2-5-78 No. Final Copies 6 DST No. 1

# LYNES, INC.

Operator Pacific Transmission Supply Co Lease & No. Devils Playground #41-9 DST No. 1



Outside Recorder  
PRD Make Kuster K-3  
No. 15620 Cap. 2500 @ 4287'

	Press	Corrected
Initial Hydrostatic	A	2213
Final Hydrostatic	K	2164
Initial Flow	B	70
Final Initial Flow	C	90
Initial Shut-in	D	2088
Second Initial Flow	E	82
Second Final Flow	F	236
Second Shut-in	G	2049
Third Initial Flow	H	--
Third Final Flow	I	--
Third Shut-in	J	--
Pressure Below Bottom Packer Bled To		

PRD Make \_\_\_\_\_  
No. \_\_\_\_\_ Cap. \_\_\_\_\_ @ \_\_\_\_\_

	Press	Corrected
Initial Hydrostatic	A	
Final Hydrostatic	K	
Initial Flow	B	
Final Initial Flow	C	
Initial Shut-in	D	
Second Initial Flow	E	
Second Final Flow	F	
Second Shut-in	G	
Third Initial Flow	H	
Third Final Flow	I	
Third Shut-in	J	
Pressure Below Bottom Packer Bled To		

# LYNES, INC.

Pacific Transmission  
Operator Supply Co. Lease & No. Devils Playground #41-9 DST No. 1

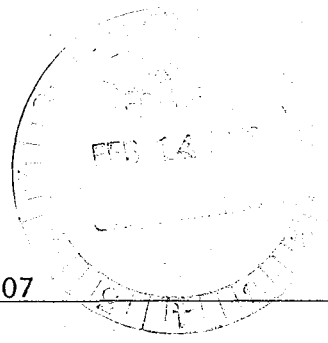
## 2nd Flow:

Min.	PSIG	Orifice Size	MCF/D	Min.	PSIG	Orifice Size	MCF/D
5	43	1/4"	80.0				
10	52	"	92.5				
15	60	"	103.6				
20	70	"	117.5				
25	78	"	128.7				
30	88	"	142.6				
35	96	"	153.7				
40	106	"	178.0				
45	116	"	193.0				
50	122	"	202.0				
55	130	"	214.0				
60	136	"	222.0				
65	140	"	228.0				
70	146	"	237.0				
75	150	"	243.0				
80	156	"	252.0				
85	160	"	258.0				
90	160	"	258.0				

Remarks:

# LYNES, INC.

## Fluid Sample Report



Date 2-5-78 Ticket No. 10307  
Company Pacific Transmission Supply Co DST No. 1  
Well Name & No. Devils Playground #41-9 State Utah  
County Uintah Test Interval 4265-4287'

Pressure in Sampler 600 PSIG BHT 124 °F

Total Volume of Sampler: 2100 cc.  
Total Volume of Sample: No fluid cc.  
Oil: None cc.  
Water: None cc.  
Mud: None cc.  
Gas: 3.5 cu. ft.  
Other: None

### Resistivity

Make Up Water .35 @ 50°F of Chloride Content 25,000 ppm.

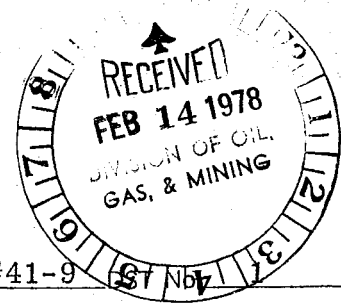
Mud Pit Sample 0.07 @ 50°F of Chloride Content 175,000 ppm.

Gas/Oil Ratio \_\_\_\_\_ Gravity \_\_\_\_\_ °API @ \_\_\_\_\_ °F

Where was sample drained On location.

Remarks: Recovery - R.W. 0.06 @ 50°F = 200,000 ppm. chl.

# LYNES, INC.



Operator Pacific Transmission Lease & No. Devils Playground #41-9  
Supply Company

Comments relative to the analysis of the pressure chart from DST #1, Interval: 4265-4287', which was run in the captioned well located in the NE NE Section 9, T9S-R24E, Uinta County, Utah:

Because of the essentially 100% gas recovery of this formation test, this analysis has been made by the use of the Horner method of pressure build-up curve extrapolation and the gas equations shown on the inside of the back cover of this report folder.

For purposes of this analysis, the following gas and reservoir properties and test parameters have been used:

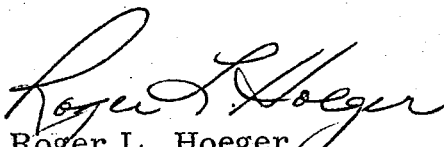
$T_f = 584^\circ\text{R}$ ,  $\mu_g = 0.015$  cp.,  $Z = 0.85$ ,  $h = 22$  feet,  $t = 100$  minutes,  
 $m = 196,175$  psi<sup>2</sup>/log cycle.

1. Extrapolation of the Initial Shut-in pressure build-up curve indicates a maximum reservoir pressure of 2104 psi at the recorder depth of 4287 feet. Extrapolation of the Final Shut-in pressure build-up curve indicates a maximum reservoir pressure of 2057 psi. The difference between the extrapolated initial and final shut-in pressures, 47 psi, is considered insignificant and is most probably due to the use of insufficient time for the Initial Shut-in period. The indicated maximum reservoir pressure is reasonably consistent with original reservoir pressures which have been found in the Wasatch formation at comparable depths and earlier dates in the local area of this formation test.
2. The calculated Average Production Rate which was used in this analysis, 183.53 MCFPD, is based upon an average of the reported flow rates which were gauged during the 90 minute Final Flow period.
3. The calculated Estimated Damage Ratio (EDR) of 4.6 indicates that significant well-bore damage was present at the time of this test. The Damage Ratio implies that the production rate should have been 4.6 times greater than that which occurred, or 844.2 MCFPD, if well-bore damage had not been present.

Pacific Transmission Supply Co.  
Devils Playground #41-9  
Interval: 4265-4287' (DST #1)

Comments - Page 2

4. The calculated Effective Transmissibility of 760.2 md.-ft./cp. indicates an Average Permeability to gas of 0.52 md. for the total 22 feet of interval tested.
5. The evaluation criteria used in the Drill-Stem-Test Analysis System indicate that the results obtained in this analysis should be reliable within reasonable limits relative to the assumptions which have been made.

  
Roger L. Hoeger  
Consultant for Lynes, Inc.

LYNES INC.  
-----

REPORT # 187

WELL NAME - DEVILS PLAYGROUND 41-9

WELL OPERATOR - PACIFIC TRANSMISSION SUPPLY CO.

DST NUMBER - 1

RECORDER NUMBER - 13723

FIRST SHUT IN PRESSURE  
-----

TIME(MIN) PHI -----	(T+PHI) /PHI -----	PSIG -----	PSIG <sup>2</sup> /10 <sup>6</sup> -----
.0	.0000	76	.0058
5.0	3.0000	1267	1.6053
10.0	2.0000	1916	3.6711
15.0	1.6667	2030	4.1209
20.0	1.5000	2052	4.2107
25.0	1.4000	2065	4.2642
30.0	1.3333	2070	4.2849
35.0	1.2857	2074	4.3015
40.0	1.2500	2077	4.3139
45.0	1.2222	2080	4.3264

EXTRAPOLATION OF FIRST SHUT IN = 2103.63

LYNES INC.

REPORT # 187

WELL NAME - DEVILS PLAYGROUND 41-9

WELL OPERATOR - PACIFIC TRANSMISSION SUPPLY CO.

DST NUMBER - 1

RECORDER NUMBER - 13723

SECOND SHUT IN PRESSURE

TIME(MIN) PHI	(T+PHI) /PHI	PSIG	PSIG <sup>2</sup> /10 <sup>6</sup>
.0	.0000	228	.0520
18.0	6.5556	1977	3.9085
36.0	3.7778	2023	4.0925
54.0	2.8519	2031	4.1250
72.0	2.3889	2038	4.1534
90.0	2.1111	2042	4.1698
108.0	1.9259	2044	4.1779
126.0	1.7937	2045	4.1820
144.0	1.6944	2046	4.1861
162.0	1.6173	2047	4.1902
180.0	1.5556	2048	4.1943

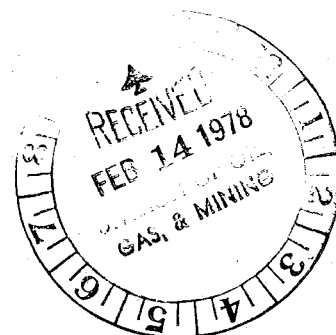
FITTED LINE:  $\text{LOG}((T_0 + \text{PHI}) / \text{PHI}) = -5.09748 \text{ PSIG}^2 / 10^6 + 21.57226$

EXTRAPOLATION OF SECOND SHUT IN = 2057.17 M = 196175.47

RESERVOIR PARAMETERS:

RESERVR TEMP	584.000	BTTM HOL TMP	124.000	SPEC GRAVITY	.700
VISCOSITY	.015	Z FACTOR	.850	DST GAS RATE	183.530
WELL RADIUS	.328	PAY THICKNES	22.000	SUBSEA DEPTH	853.000
WATER GRADNT	.433				





LYNES INC.  
-----

REPORT # 187

WELL NAME - DEVILS PLAYGROUND 41-9

WELL OPERATOR - PACIFIC TRANSMISSION SUPPLY CO.

DST NUMBER - 1

RECORDER NUMBER - 13723

CALCULATIONS: SECOND SHUT IN

EXTRAPOLATED RESERVOIR PRESS.(PSIG) .....	2057.2
NO. OF POINTS ENTERED.....	11.0
NO. OF POINTS USED IN EXTRAPOLATION .....	5.0
ROOT MEAN SQUARE DEVIATION OF BEST FIT LINE(PSI) .	.000
TOTAL FLOW TIME(MIN) .....	100.0
TRANSMISSIBILITY(MD-FT/CP) .....	760.2
IN SITU CAPACITY(MD-FT) .....	11.4
AVERAGE EFFECTIVE PERMEABILITY(MD) .....	.52
RADIUS OF INVESTIGATION(FT) .....	6.5
ACTUAL CAPACITY(MD-FT) .....	1.0
ESTIMATED DAMAGE RATIO .....	4.6
MAXIMUM AOF(MCF/D) .....	185.8
MINIMUM AOF(MCF/D) .....	184.7
MAXIMUM AOF DAMAGE REMOVED(MCF/D) .....	851.4
MINIMUM AOF DAMAGE REMOVED(MCF/D) .....	846.2
DRAWDOWN FACTOR(%) .....	2.2
POTENTIOMETRIC SURFACE(FT) .....	5604.0

10  
9  
8  
7  
6  
5  
4  
3  
2  
1  
9  
8  
7  
6  
5  
4  
3  
2  
1

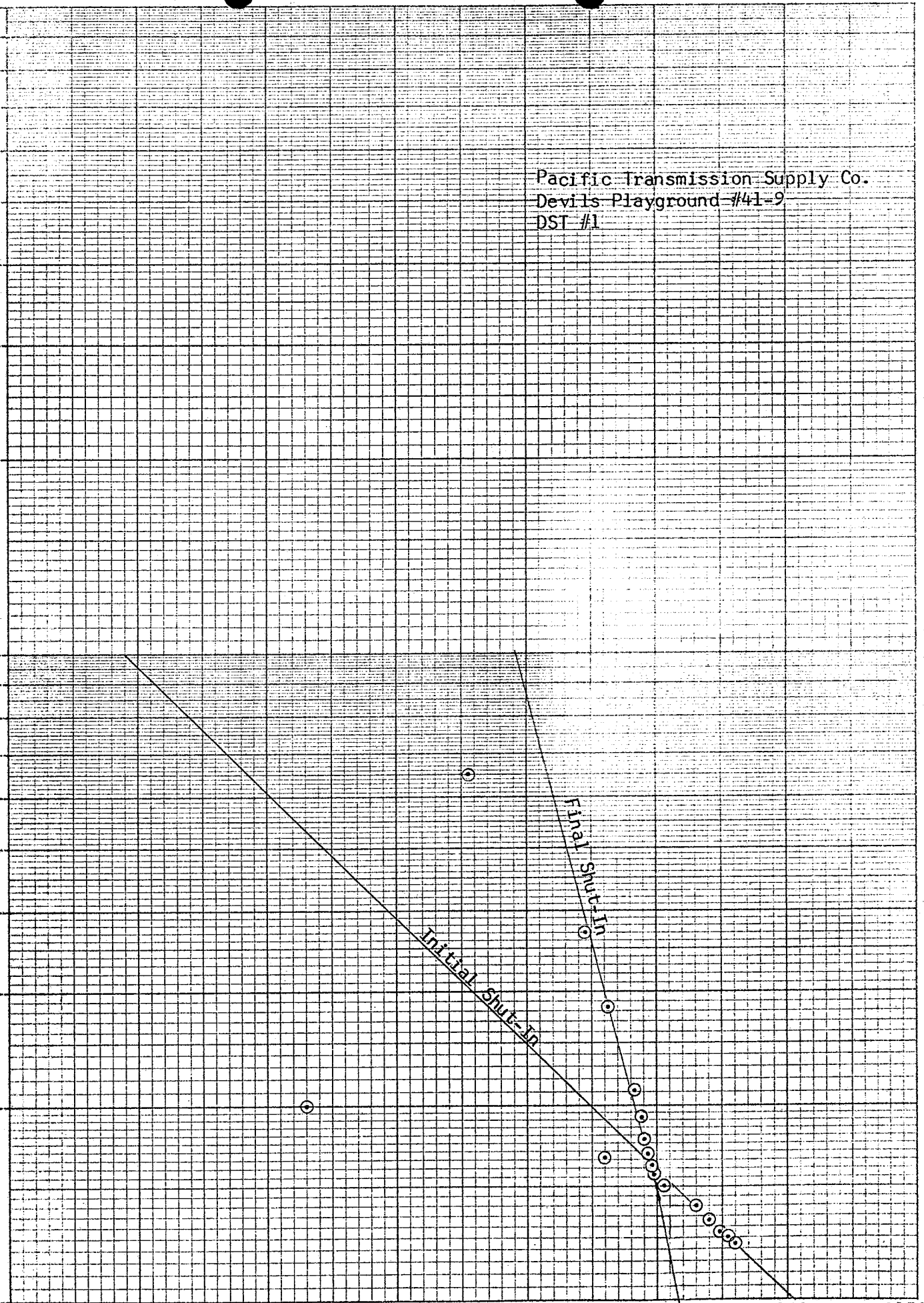
Pacific Transmission Supply Co.  
Devils Playground #41-9  
DST #1

Initial Shut-In

Final Shut-In

1850 1900 1950 2000 2050 2100 2150

psig. →



**U.S. GEOLOGICAL SURVEY, CONSERVATION DIVISION**

**FROM: DISTRICT GEOLOGIST, SALT LAKE CITY, UTAH**

**TO: DISTRICT ENGINEER, SALT LAKE CITY, UTAH**

Well	Location	Lease No.
<b>PACIFIC TRANSMISSION SUPPLY COMPANY WELL # 41-9 FEDERAL</b>	<b>852' FNL, 618' FEL (NE 1/4 NE 1/4) SEC. 9, T. 9 S., R. 24 E., SLM. UINTAH COUNTY, UTAH GROUND ELEV. 5137'</b>	<b>U-5217</b>
<p>1. Stratigraphy and Potential Proposed to TD of 7,800 feet, hole will collar in Oil and Gas Horizons. <i>UINTA FORMATION AND TEST SANDSTONES IN THE MESAVERDE FORMATION AND THE CASTLEGATE SANDSTONE FOR OIL AND GAS.</i></p> <p>Critical tops are predicted at: <i>GREEN RIVER 715', PARACHUTE CREEK 1492', "H" MARKER 2590', WASATCH FM. 3813', MESAVERDE 5439', NELSON FACIES OF MESAVERDE 6573', CASTLEGATE Ss. 7580'</i></p> <p>2. Fresh Water Sands. <i>CHORNEY OIL CO - PACIFIC TRANSMISSION SUPPLY CO. SOUTH RED WASH FEDERAL #1-18 WELL IN SECTION 18, T. 9. S., R. 24 E. REPORTED BY WRD TO HAVE FRESH OR USABLE WATER TO DEPTHS OF 2,000 FEET IN THE UINTA AND GREEN RIVER FORMATIONS</i></p> <p>3. Other Mineral Bearing Formations. <i>WITHIN OIL SHALE WITHDRAWAL AREA (Coal, Oil Shale, Potash, Etc.) EO 5327. TOP OF TIAHOAGANY OIL SHALE BED, ABOUT 1890' DEPTH. COM BEDS IN MESAVERDE FM. AT DEPTHS GREATER THAN 6000'. WITHIN AN AREA PROSPECTIVELY VALUABLE FOR SOLID AND SEMI-SOLID HYDROCARBONS, ESPECIALLY GILSONITE. OPEN-FILE MAP BY CASHION, 1969, SHOWS THIS PROPOSED WELL IN AN AREA WHERE UP TO 500' OF ROCK ABOVE THE TIAHOAGANY BED MAY CONTAIN PODS AND BEDS OF SALINE MINERALS.</i></p> <p>4. Possible Lost Circulation Zones. <i>UNKNOWN</i></p> <p>5. Other Horizons Which May Need Special PROTECT ANY FRESH WATER ZONES Mud, Casing, or Cementing Programs. <i>ENCOUNTERED.</i></p> <p>6. Possible Abnormal Pressure Zones <i>UNKNOWN</i> and Temperature Gradients.</p> <p>7. Competency of Beds at Proposed Casing Setting Points. <span style="float: right;"><i>Probably adequate for the APD casing program.</i></span></p> <p>8. Additional Logs or Samples Needed. <i>APD LOGGING PROGRAM PROBABLY ADEQUATE;</i></p> <p>9. References and Remarks <i>U.S.G.S. Files, Salt Lake City, Utah. WITHIN DEVIL'S PLAYGROUND UNIT</i></p>		
<b>Date:</b> <i>1/10/78</i>		<b>Signed:</b> <i>Richard W. Jones</i>

Contractor Anderson Drlg. Co.  
Rig No. 6  
Spot NE-NE  
Sec. 9  
Twp. 9 S  
Rng. 24 E  
Field Natural Buttes  
County Uintah  
State Utah  
Elevation 5137' "Ground"  
Formation Wasach

Top Choke 1/4"  
Bottom Choke 3/4"  
Size Hole 7 7/8"  
Size Rat Hole --  
Size & Wt. D. P. 4 1/2" 16.60  
Size Wt. Pipe --  
I. D. of D. C. 2 1/4"  
Length of D. C. 478'  
Total Depth 5876'  
Interval Tested 5795-5876'  
Type of Test Bottom Hole  
Conventional

Flow No. 1 10 Min.  
Shut-in No. 1 60 Min.  
Flow No. 2 60 Min.  
Shut-in No. 2 180 Min.  
Flow No. 3 -- Min.  
Shut-in No. 3 -- Min.

Bottom  
Hole Temp. 150° F  
Mud Weight 9.7  
Gravity --  
Viscosity 46

Tool opened @ 10:30 PM.

**Inside Recorder**

PRD Make Kuster AK-1  
No. 3697 Cap. 3700 @ 5772'

Press	Corrected
Initial Hydrostatic A	2914
Final Hydrostatic K	2888
Initial Flow B	79
Final Initial Flow C	85
Initial Shut-in D	2145
Second Initial Flow E	58
Second Final Flow F	81
Second Shut-in G	2345
Third Initial Flow H	--
Third Final Flow I	--
Third Shut-in J	--

Lynes Dist.: Rock Springs, Wy.

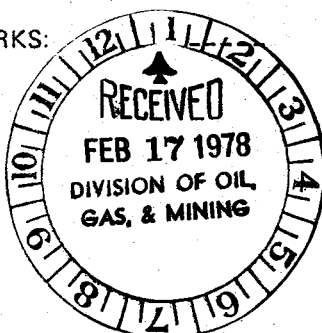
Our Tester: Bill Alford

Witnessed By: Ron Firth

Did Well Flow — Gas Yes Oil No Water No  
RECOVERY IN PIPE: 154' Drilling mud = .75 bbl.

- 1st Flow - Tool opened with a strong blow, increased to bottom of bucket in 1 minute and continued to increase thru remainder of flow period.  
2nd Flow - Tool opened with a very strong blow, gas to surface immediately, see gas volume report.

REMARKS:



Operator Pacific Transmission Supply Co. Well Name and No. Devil's Playground #41-9 Ticket No. 10168 Date 2-11-78 No. Final Copies 6 DST No. 3

# PACIFIC TRANSMISSION SUPPLY COMPANY

212 GOODSTEIN BUILDING  
P. O. BOX 3093  
CASPER, WYOMING 82602  
(307) 265-1027



February 24, 1978

Mr. Sam Boltz, Jr.  
CHORNEY OIL COMPANY  
401 Lincoln Tower Building  
Denver, Colorado 80295

Reference: PTS #41-9 Federal  
NE-NE Sec. 9-T9S-R24E  
Uintah County, Utah

Dear Mr. Boltz,

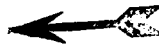
We are enclosing herewith copies of the GEOLOGICAL WELL COMPLETION REPORT AND DRILLING TIME & GAS DETECTOR LOG for the captioned well.

Very truly yours,

Original Signed By  
DEE E. BEARDSLEY  
DEE E. BEARDSLEY  
Manager of Operations

DEB:a

cc: Division of Oil, Gas & Mining  
1588 West North Temple  
Salt Lake City, Utah 84116  
Attn: Chief Petroleum Engineer



U. S. Geological Survey  
8426 Federal Building  
Salt Lake City, Utah 84138  
Attn: Mr. Edgar W. Guynn

Mr. J. L. Wroble  
Mr. B. W. Allen

encl.

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

(FORM 9-329)  
(2/76)

OMB 42-RO 356

MONTHLY REPORT  
OF  
OPERATIONS

Lease No. N/A

Communitization Agreement No. N/A

Field Name N/A

Unit Name Devils Playground

Participating Area N/A

County Utah State Utah

Operator Pacific Transmission Supply Company

☐ Amended Report

The following is a correct report of operations and production (including status of all unplugged wells) for the month of FEBRUARY, 1978

(See Reverse of Form for Instructions)

This report is required by law (30 U.S.C. 189, 30 U.S.C. 359, 25 U.S.C. 396 d), regulation (30 CFR 221.60), and the terms of the lease. Failure to report can result in the assessment of liquidated damages (30 CFR 221.54 (j)), shutting down operations, or basis for recommendation to cancel the lease and forfeit the bond (30 CFR 221.53).

Well No.	Sec. & 1/4 of 1/4	TWP	RNG	Well Status	Days Prod.	*Barrels of Oil	*MCF of Gas	*Barrels of Water	Remarks
-0141694-A #1-C-24	NWSW 24	9S	23E	GS1	NONE	NONE	NONE	NONE	
-0145459 #1-18	NWNE 18	9S	24E	GS1	"	"	"	"	
-5217 #41-9	NENE 9	9S	24E	DRG	"	"	"	"	DEPTH 6,470'

\*If none, so state.

DISPOSITION OF PRODUCTION (Lease, Participating Area, or Communitized Area basis)

	Oil & Condensate (BBLS)	Gas (MCF)	Water (BBLS)
*On hand, Start of Month	NONE	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX
*Produced	NONE	NONE	NONE
*Sold	NONE	NONE	XXXXXXXXXXXXXXXXXXXX
*Spilled or Lost	NONE	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX
*Flared or Vented	XXXXXXXXXXXXXXXXXXXX	NONE	XXXXXXXXXXXXXXXXXXXX
*Used on Lease	NONE	NONE	XXXXXXXXXXXXXXXXXXXX
*Injected	NONE	NONE	NONE
*Surface Pits	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX	NONE
*Other (Identify)	NONE	NONE	NONE
*On hand, End of Month	NONE	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX
*API Gravity/BTU Content	NONE	NONE	XXXXXXXXXXXXXXXXXXXX

Original Signed By  
H. G. CULP

Authorized Signature:

Address: 245 Market St., San Francisco, CA 9410

Title: Manager, Contract Administration

Page 1 of 1

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY  
(FORM 9-329)  
(2/76)  
OMB 42-RO 356

MONTHLY REPORT  
OF  
OPERATIONS

Lease No. N/A  
Communitization Agreement No. N/A  
Field Name N/A  
Unit Name Devils Playground  
Participating Area N/A  
County Uintah State Utah  
Operator Pacific Transmission Supply Company  
☐ Amended Report

The following is a correct report of operations and production (including status of all unplugged wells) for the month of MARCH, 19 78

(See Reverse of Form for Instructions)

This report is required by law (30 U.S.C. 189, 30 U.S.C. 359, 25 U.S.C. 396 d), regulation (30 CFR 221.60), and the terms of the lease. Failure to report can result in the assessment of liquidated damages (30 CFR 221.54 (j)), shutting down operations, or basis for recommendation to cancel the lease and forfeit the bond (30 CFR 221.53).

Well No.	Sec. & 1/4 of 1/4	TWP	RNG	Well Status	Days Prod.	*Barrels of Oil	*MCF of Gas	*Barrels of Water	Remarks
U-0141694-A #1-C-24	NWSW 24	9S	23E	GS1	NONE	NONE	NONE	NONE	
U-0145459 #1-18	NWNE 18	9S	24E	GS1	NONE	NONE	NONE	NONE	
U-5217 #41-9	NENE 9	9S	24E	DRG	NONE	NONE	NONE	NONE	DEPTH 6,470'



\*If none, so state.

DISPOSITION OF PRODUCTION (Lease, Participating Area, or Communitized Area basis)

	Oil & Condensate (BBLs)	Gas (MCF)	Water (BBLs)
*On hand, Start of Month	NONE	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX
*Produced	NONE	NONE	NONE
*Sold	NONE	NONE	XXXXXXXXXXXXXXXXXXXX
*Spilled or Lost	NONE	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX
*Flared or Vented	XXXXXXXXXXXXXXXXXXXX	NONE	XXXXXXXXXXXXXXXXXXXX
*Used on Lease	NONE	NONE	XXXXXXXXXXXXXXXXXXXX
*Injected	NONE	NONE	NONE
*Surface Pits	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX	NONE
*Other (Identify)	NONE	NONE	NONE
*On hand, End of Month	NONE	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX
*API Gravity/BTU Content	NONE	NONE	XXXXXXXXXXXXXXXXXXXX

Original Signed By  
H. G. CULP

Authorized Signature: \_\_\_\_\_

Address: 245 Market St., San Francisco, CA 94

Title: Manager, Contract Administration

Page 1 of 1  
COC, 4046CC

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY  
(FORM 9-329)  
(2/76)  
OMB 42-RO 356

MONTHLY REPORT  
OF  
OPERATIONS

Lease No.                       
Communitization Agreement No. N/A  
Field Name N/A  
Unit Name Devils Playground  
Participating Area N/A  
County Uintah State Utah  
Operator Pacific Transmission Supply Company  
☒ Amended Report

The following is a correct report of operations and production (including status of all unplugged wells) for the month of APRIL, 19 78

(See Reverse of Form for Instructions)

This report is required by law (30 U.S.C. 189, 30 U.S.C. 359, 25 U.S.C. 396 d), regulation (30 CFR 221.60), and the terms of the lease. Failure to report can result in the assessment of liquidated damages (30 CFR 221.54 (j)), shutting down operations, or basis for recommendation to cancel the lease and forfeit the bond (30 CFR 221.53).

Well No.	Sec. & 1/4 of 1/4	TWP	RNG	Well Status	Days Prod.	*Barrels of Oil	*MCF of Gas	*Barrels of Water	Remarks
U-0141694-A #1-C-24	NWSW 24	9S	23E	PGW.	12	87.00	1,363	48**	
U-0145459 #1-18	NWNE 18	9S	24E	PGW	30	190.11	35,152	30**	
U-5217 #41-9	NENE 9	9S	24E	DRG	NONE	NONE	NONE	NONE	DEPTH 6,470'

\*If none, so state.

DISPOSITION OF PRODUCTION (Lease, Participating Area, or Communitized Area basis)

	Oil & Condensate (BBLs)	Gas (MCF)	Water (BBLs)
*On hand, Start of Month	NONE	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX
*Produced	277.11	36,515	78
*Sold	180.83	36,515	XXXXXXXXXXXXXXXXXXXX
*Spilled or Lost	NONE	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX
*Flared or Vented	XXXXXXXXXXXXXXXXXXXX	NONE	XXXXXXXXXXXXXXXXXXXX
*Used on Lease	NONE	NONE	XXXXXXXXXXXXXXXXXXXX
*Injected	NONE	NONE	NONE
*Surface Pits	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX	78
*Other (Identify)	NONE	NONE	NONE
*On hand, End of Month	96.28	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX
*API Gravity/BTU Content	NOT AVAILABLE	1122	XXXXXXXXXXXXXXXXXXXX

Original Signed By  
H. G. CULP

Address: 245 Market St., San Francisco, CA 94

Authorized Signature: \_\_\_\_\_

Title: Manager, Contract Administration

Page 1 of 1

COC, UO&GCC



UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY  
(FORM 9-329)  
(2/76)  
OMB 42-RO 356

MONTHLY REPORT  
OF  
OPERATIONS

Lease No. N/A  
Communitization Agreement No. N/A  
Field Name N/A  
Unit Name Devils Playground  
Participating Area N/A  
County Uintah State Utah  
Operator Pacific Transmission Supply Company  
☐ Amended Report

The following is a correct report of operations and production (including status of all unplugged wells) for the month of MAY, 19 78

(See Reverse of Form for Instructions)

This report is required by law (30 U.S.C. 189, 30 U.S.C. 359, 25 U.S.C. 396 d), regulation (30 CFR 221.60), and the terms of the lease. Failure to report can result in the assessment of liquidated damages (30 CFR 221.54 (j)), shutting down operations, or basis for recommendation to cancel the lease and forfeit the bond (30 CFR 221.53).

Well No.	Sec. & 1/4 of 1/4	TWP	RNG	Well Status	Days Prod.	*Barrels of Oil	*MCF of Gas	*Barrels of Water	Remarks
U-0141694-A #1-C-24	NWSW 24	9S	23E	PGW	1	NONE	137	4 **	
U-0145459 #1-18	NWNE 18	9S	24E	PGW	3/	131.08	24,957	31 **	
U-5217 #41-9	NENE 9	9S	24E	DRG	NONE	NONE	3,517	NONE	DEPTH 6,470'

\*If none, so state.

DISPOSITION OF PRODUCTION (Lease, Participating Area, or Communitized Area basis)

	Oil & Condensate (BBLs)	Gas (MCF)	Water (BBLs)
*On hand, Start of Month	96.28	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX
*Produced	131.08	25,094	35
*Sold	NONE	25,094	XXXXXXXXXXXXXXXXXXXX
*Spilled or Lost	NONE	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX
*Flared or Vented	XXXXXXXXXXXXXXXXXXXX	3,517	XXXXXXXXXXXXXXXXXXXX
*Used on Lease	NONE	NONE	XXXXXXXXXXXXXXXXXXXX
*Injected	NONE	NONE	NONE
*Surface Pits	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX	35
*Other (Identify)	NONE	NONE	NONE
*On hand, End of Month	227.36	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX
*API Gravity/BTU Content	NONE	1068	XXXXXXXXXXXXXXXXXXXX

Original Signed By  
H. G. CULP

Authorized Signature:

Title: Manager, Contract Administration

\*\* Recovering lead water used in fracture treatment.

Address: 245 Market St., San Francisco, CA 94

Page 1 of 1

COC, UO&GCC

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY  
(FORM 9-329)  
(2/76)  
OMB 42-RO 356

MONTHLY REPORT  
OF  
OPERATIONS

Lease No. N/A  
Communitization Agreement No. N/A  
Field Name N/A  
Unit Name Devils Playground  
Participating Area N/A  
County Uintah State Utah  
Operator Pacific Transmission Supply Company  
☐ Amended Report

The following is a correct report of operations and production (including status of all unplugged wells) for the month of JUNE, 1978

(See Reverse of Form for Instructions)

This report is required by law (30 U.S.C. 189, 30 U.S.C. 359, 25 U.S.C. 396 d), regulation (30 CFR 221.60), and the terms of the lease. Failure to report can result in the assessment of liquidated damages (30 CFR 221.54 (j)), shutting down operations, or basis for recommendation to cancel the lease and forfeit the bond (30 CFR 221.53).

Well No.	Sec. & 1/4 of 1/4	TWP	RNG	Well Status	Days Prod.	*Barrels of Oil	*MCF of Gas	*Barrels of Water	Remarks
U-0141694-A #1-C-24	NWSW 24	9S	23E	P9W	5	4.64	85	20 **	
U-0145459 #1-18	NWNE 18	9S	24E	P9W	27	77.64	16,112	27 **	
U-5217 #41-9	NENE 9	9S	24E	P9W	17	19.72	819	68 **	

\*If none, so state.

DISPOSITION OF PRODUCTION (Lease, Participating Area, or Communitized Area basis)

	Oil & Condensate (BBLS)	Gas (MCF)	Water (BBLS)
*On hand, Start of Month	227.36	XXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXX
*Produced	102.00	17,016	115
*Sold	160.00	17,016	XXXXXXXXXXXXXXXXXX
*Spilled or Lost	NONE	XXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXX
*Flared or Vented	XXXXXXXXXXXXXXXXXX	NONE	XXXXXXXXXXXXXXXXXX
*Used on Lease	NONE	NONE	XXXXXXXXXXXXXXXXXX
*Injected	NONE	NONE	NONE
*Surface Pits	XXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXX	115
*Other (Identify)	NONE	NONE	NONE
*On hand, End of Month	169.36	XXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXX
*API Gravity/BTU Content	NOT AVAILABLE	1079	XXXXXXXXXXXXXXXXXX

Authorized Signature: \_\_\_\_\_ Address: 245 Market St., San Francisco, CA 94102

Title: Manager, Contract Administration Page 1 of 1

\*\*Recovering load water used in fracture treatment.

COC, UO&GCC

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

(FORM 9-329)

(2/76)

OMB 42-RO 356

MONTHLY REPORT  
OF  
OPERATIONS

Lease No. N/A

Communitization Agreement No. N/A

Field Name N/A

Unit Name Devils Playground

Participating Area N/A

County Uintah State Utah

Operator Pacific Transmission Supply Company

☐ Amended Report

The following is a correct report of operations and production (including status of all unplugged wells) for the month of July, 19 78

(See Reverse of Form for Instructions)

This report is required by law (30 U.S.C. 189, 30 U.S.C. 359, 25 U.S.C. 396 d), regulation (30 CFR 221.60), and the terms of the lease. Failure to report can result in the assessment of liquidated damages (30 CFR 221.54 (j)), shutting down operations, or basis for recommendation to cancel the lease and forfeit the bond (30 CFR 221.53).

Well No.	Sec. & 1/4 of 1/4	TWP	RNG	Well Status	Days Prod.	*Barrels of Oil	*MCF of Gas	*Barrels of Water	Remarks
U-0141694-A #1-C-24	NWSW 24	9S	23E	PGW	5	17.40	808	20	
U-0145459 #1-18	NWNE 18	9S	24E	PGW	30	75.40	24,964	30	
U-5217 #41-9	NENE 9	9S	24E	PGW	29	27.84	2,225	116	

\*If none, so state.

DISPOSITION OF PRODUCTION (Lease, Participating Area, or Communitized Area basis)

	Oil & Condensate (BBLS)	Gas (MCF)	Water (BBLS)
*On hand, Start of Month	169.36	XXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXX
*Produced	120.64	27,997	166
*Sold	NONE	27,997	XXXXXXXXXXXXXXXXXX
*Spilled or Lost	NONE	XXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXX
*Flared or Vented	XXXXXXXXXXXXXXXXXX	NONE	XXXXXXXXXXXXXXXXXX
*Used on Lease	NONE	NONE	XXXXXXXXXXXXXXXXXX
*Injected	NONE	NONE	NONE
*Surface Pits	XXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXX	166
*Other (Identify)	NONE	NONE	NONE
*On hand, End of Month	290.00	XXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXX
*API Gravity/BTU Content	NOT AVAILABLE	1080	XXXXXXXXXXXXXXXXXX

Authorized Signature: \_\_\_\_\_

Title: Manager, Contract Administration

Original Signed By  
H. G. CULP

Address: 245 Market St., San Francisco, CA 941

Page 1 of 1

COC, UO&GCC

SCOTT M. MATHESON  
Governor



OIL, GAS, AND MINING BOARD

GORDON E. HARMSTON  
Executive Director,  
NATURAL RESOURCES

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS, AND MINING  
1588 West North Temple  
Salt Lake City, Utah 84116  
(801) 533-5771

I. DANIEL STEWART  
Chairman

CHARLES R. HENDERSON  
JOHN L. BELL  
THADIS W. BOX  
C. RAY JUVELIN

CLEON B. FEIGHT  
Director

August 17, 1978

RECEIVED

SEP 14 1978

Contract Administration

Pacific Transmission Supply Co.  
212 Goodstein Building  
PO Box 3093  
Casper, Wyoming 82602

*on production*

Re: Well No. Devils Playground  
Unit 41-9  
Sec. 9, T. 9S, R. 24E  
Uintah County, Utah  
February 1978-July 1978

Gentlemen:

Our records indicate that you have not filed a Monthly Report of Operations for the months indicated above on the subject well.

Rule C-22, General Rules and Regulations and Rules of Practice and Procedure, requires that said reports be filed on or before the sixteenth (16) day of the succeeding month. This report may be filed on Form OGC-1b, (U.S. Geological Survey Form 9-331) "Sundry Notices and Reports on Wells", or on company forms containing substantially the same information. We are enclosing forms for your convenience.

Your prompt attention to the above will be greatly appreciated.

Very truly yours,

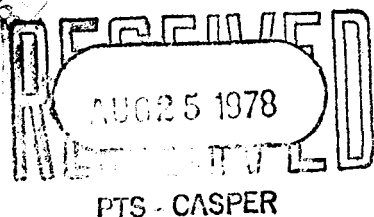
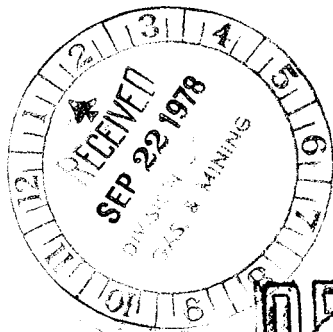
DIVISION OF OIL, GAS, & MINING

Tammy Edge  
Typist

*9/20/78*

*The above Monthly Reports of Operations were filed on U.S. Geological Survey Form 9-329 (copies attached).*

*W.B. Felling  
Pacific Transmission Supply Company  
245 Market Street  
San Francisco, CA 94105*





SCOTT M. MATHESON  
Governor

OIL, GAS, AND MINING BOARD

GORDON E. HARMSTON  
*Executive Director,*  
NATURAL RESOURCES

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS, AND MINING  
1588 West North Temple  
Salt Lake City, Utah 84116  
(801) 533-5771

I. DANIEL STEWART  
*Chairman*

CHARLES R. HENDERSON  
JOHN L. BELL  
THADIS W. BOX  
C. RAY JUVELIN

CLEON B. FEIGHT  
*Director*

September 22, 1978

Pacific Transmission Supply Co.  
212 Goodstein Bldg.  
P. O. Box 3093  
Kasper, Wyoming 82602

Re: Well No. Devils Playground Un. 41-9  
Sec. 9, T. 9S, R. 24E,  
Uintah County, Utah

Gentlemen:

This letter is to advise you that the Well Completion or Recompletion Report and Log for the above referred to well is due and has not been filed with this office as required by our rules and regulations.

Please complete the enclosed Form OGC-3, in duplicate, and forward them to this office as soon as possible.

Thank you for your cooperation relative to the above.

Very truly yours,

DIVISION OF OIL, GAS, AND MINING

*Kathy Ostler*  
KATHY OSTLER  
RECORDS CLERK

---Please complete the enclosed form, in order that we may have initial production information, etc.

Thank-you

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE

(See upper in-  
structions on  
reverse side)Form approved.  
Budget Bureau No. 42-R355.5.

## WELL COMPLETION OR RECOMPLETION REPORT AND LOG \*

1a. TYPE OF WELL: OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> DRY <input type="checkbox"/> Other _____		5. LEASE DESIGNATION AND SERIAL NO. U-5217	
b. TYPE OF COMPLETION: NEW WELL <input checked="" type="checkbox"/> WORK OVER <input type="checkbox"/> DEEP-EN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> DIFF. RESRV. <input type="checkbox"/> Other _____		6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
2. NAME OF OPERATOR PACIFIC TRANSMISSION SUPPLY COMPANY		7. UNIT AGREEMENT NAME Devil's Playground	
3. ADDRESS OF OPERATOR P. O. Box 3093, Casper, Wyoming 82602		8. FARM OR LEASE NAME Federal	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface 479' FNL, 850' FEL (NE NE) Section 9, T9S, R24E, S.L.B. & M. At top prod. interval reported below At total depth		9. WELL NO. 41-9	
14. PERMIT NO.		DATE ISSUED	
15. DATE SPUDDED Jan. 19, 1978		16. DATE T.D. REACHED Feb. 16, 1978	
17. DATE COMPL. (Ready to prod.) Sept. 5, 1978		18. ELEVATIONS (DF, RER, RT, GR, ETC.)* 5123' GR, 5140 KB	
19. ELEV. CASINGHEAD		20. TOTAL DEPTH, MD & TVD 6470	
21. PLUG, BACK T.D., MD & TVD 6404		22. IF MULTIPLE COMPL., HOW MANY* Dual Completion	
23. INTERVALS DRILLED BY ROTARY TOOLS CABLE TOOLS		24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* Wasatch 4090' - 5052'	
25. WAS DIRECTIONAL SURVEY MADE No		26. TYPE ELECTRIC AND OTHER LOGS RUN Dual Induction-Laterolog 122'-2805', Laterolog 203'-6469', FDC 742'-6468', BHC Sonic 750'-6470', GRCC/CBL 3700'-6404'.	
27. WAS WELL CURED No		28. CASING RECORD (Report all strings set in well)	
29. LINER RECORD		30. TUBING RECORD	
31. PERFORATION RECORD (Interval, size and number)		32.* ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
33.* PRODUCTION		34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)	
35. LIST OF ATTACHMENTS		36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records	
SIGNED R. J. Firth		TITLE Petroleum Engineer	
DATE October 3, 1978		TEST WITNESSED BY R. J. Firth	

\*(See Instructions and Spaces for Additional Data on Reverse Side)

# INSTRUCTIONS

General: This form is designed for submitting a complete and correct well completion report and log on all types of lands and leases to either a Federal agency or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office. See instructions on items 22 and 24, and 33, below regarding separate reports for separate completions.

If not filed prior to the time this summary record is submitted, copies of all currently available logs (drillers, geologists, sample and core analysis, all types electric, etc.), formations and pressure tests, and directional surveys, should be attached hereto, to the extent required by applicable Federal and/or State laws and regulations. All attachments should be listed on this form, see item 35.

Item 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

Item 18: Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments. Items 22 and 24: If this well is completed for separate production from more than one interval zone (multiple completion), so state in item 22, and in item 24 show the producing interval, or intervals, top(s), bottom(s) and name(s). (If any) for only the interval reported in item 33. Submit a separate report (page) on this form, adequately identified, for each additional interval to be separately produced, showing the additional data pertinent to such interval.

Item 29: "Sacks Cement": Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool. Item 33: Submit a separate completion report on this form for each interval to be separately produced. (See instruction for items 22 and 24 above.)

Item 38: GEOLOGIC MARKERS

Item 39: SUMMARY OF POROUS ZONES: SHOW ALL IMPORTANT ZONES OF POROSITY AND CONTENTS THEREOF: COARED INTERVALS, AND ALL DRILL-STEM TESTS, INCLUDING DEPTH INTERVAL TESTED, CUSHION USED, TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES

Item 40: FRACTURE TREATMENT - Wasatch

Item 41: 132,000 gals. VF4G frac fluid, 52,000/100 mesh sand, 200,000# 20/40 mesh sand and 500 SCF/bbl nitrogen in final 61,000 gals. of frac job. Staged treatment with ball sealers. Flushed with 5000 gals. 7-1/2% HCl acid and 2% KCl water. Average treatment pressure 2700 psig. Average injection rate 18.5 bpm.

Item 42: Evacuaton Crk.

Item 43: Parachute Crk.

Item 44: Wasatch

Item 45: Mesaverde

Item 46: 780'

Item 47: 1378'

Item 48: 4090'

Item 49: 5340'

Item 50: TRUE VERT. DEPTH

Item 51: ALL COMPLETION OR RECOMPLETION INFO

Item 52: DEPARTMENT OF THE INTERIOR

Item 53: GEOLOGICAL SURVEY

Item 54: 871-233

Item 55: U.S. GOVERNMENT PRINTING OFFICE: 1963-O-663636

Item 56: 637-407

*Natural Gas  
Corporation of  
California*

April 2, 1984

Bureau of Land Management  
Branch of Fluid Minerals  
Vernal District  
170 S. 500 East  
Vernal, UT 84078

Division of Oil, Gas & Mining  
4241 State Office Building  
Salt Lake City, UT 84114

Mr. John Baker  
DeGolyer & MacNaughton  
No. 1 Energy Square  
Dallas, TX 75206

Re: NGC #41-9 Federal  
NE NE Sec. 9, T.9S., R.24E.  
Uintah County, UT

Gentlemen:

Attached are copies of Form 3160-5, Sundry Notices and Reports on Wells,  
Notice of Intention to Shut-in the subject well.

Yours truly,

*William A. Ryan*

William A. Ryan  
Petroleum Engineer

/kh

Encls.

cc: E. Hadsell  
Land Dept.  
L. Jorgensen  
S. Furtado  
S. Pritza

**RECEIVED**

APR 4 1984

DIVISION OF  
OIL, GAS & MINING



UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATE  
(Other instructions on reverse side)

Form approved.  
Budget Bureau No. 1004-0135  
Expires August 31, 1985

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.  
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER		5. LEASE DESIGNATION AND SERIAL NO. U-5217
2. NAME OF OPERATOR Natural Gas Corporation of California		6. IF INDIAN, ALLOTTEE OR TRIBE NAME
3. ADDRESS OF OPERATOR 85 South 200 East, Vernal, UT 84078		7. UNIT AGREEMENT NAME Devils Playground
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface 479' FNL, 850' FEL (NE NE)		8. LEASE OR LEASE NAME Federal
14. PERMIT NO. 43-047-30339		9. WELL NO. 41-9
15. ELEVATIONS (Show whether DF, RT, GR, etc.) 5140 KB		10. FIELD AND POOL, OR WILDCAT Wildcat
		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Section 9, T.9S., R.24E.
		12. COUNTY OR PARISH Uintah
		13. STATE Utah

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANE <input type="checkbox"/>	(Other) <input type="checkbox"/>	(Other) <input type="checkbox"/>
(Other) Report Shut-in Well <input checked="" type="checkbox"/>		(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)	

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

Operator reports the shut-in of the subject well due to the gas purchaser's inability to take delivery of the gas.

RECEIVED

APR 4 1984

DIVISION OF  
OIL, GAS & MINING

18. I hereby certify that the foregoing is true and correct

SIGNED <u>William A. Ryan</u>	TITLE <u>Petroleum Engineer</u>	DATE <u>April 2, 1984</u>
(This space for Federal or State office use)		

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_  
CONDITIONS OF APPROVAL, IF ANY:

cc: BLM; Div. OG&M; Operations; Land; LJorgensen; SFurtado; SPritza

\*See Instructions on Reverse Side

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATE  
(Other instructions on  
reverse side)

Form approved.  
Budget Bureau No. 1004-0135  
Expires August 31, 1985

5. LEASE DESIGNATION AND SERIAL NO.

U-5217

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

Devils Playground

8. FARM OR LEASE NAME

Federal

9. WELL NO.

41-9

10. FIELD AND POOL, OR WILDCAT

Wildcat

11. SEC., T., R., M., OR BLK. AND  
SURVEY OR AREA

Sec. 9, T.9S., R.24E.

12. COUNTY OR PARISH 13. STATE

Uintah

Utah

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.  
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL ☐ GAS WELL ☒ OTHER

2. NAME OF OPERATOR

Natural Gas Corporation of California

3. ADDRESS OF OPERATOR

85 South 200 East, Vernal, UT 84078

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.\*

See also space 17 below.)  
At surface

479' FNL, 850' FEL (NE $\frac{1}{4}$  NE $\frac{1}{4}$ )

RECEIVED

JUN 14 1984

DIVISION OF OIL  
GAS & MINING

14. PERMIT NO.

43-047-30339

15. ELEVATIONS (Show whether DF, RT, GR, etc.)

5140'

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

FRACTURE TREAT

SHOOT OR ACIDIZE

REPAIR WELL

(Other) Report well on production

PULL OR ALTER CASING

MULTIPLE COMPLETE

ABANDON\*

CHANGE PLANS

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

FRACTURE TREATMENT

SHOOTING OR ACIDIZING

(Other)

REPAIRING WELL

ALTERING CASING

ABANDONMENT\*

(NOTE: Report results of multiple completion on Well  
Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

Operator reports the subject well was placed back on production at 12 p.m. 6/1/84.

18. I hereby certify that the foregoing is true and correct

SIGNED

William A. Ryan

TITLE Petroleum Engineer

DATE 6/12/84

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

\*See Instructions on Reverse Side

BUREAU OF LAND MANAGEMENT

**SUNDRY NOTICES AND REPORTS ON WELLS**

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.  
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. <input type="checkbox"/> OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER		5. LEASE DESIGNATION AND SERIAL NO.  6. IF INDIAN, ALLOTTEE OR TRIBE NAME
2. NAME OF OPERATOR  NATURAL GAS CORPORATION OF CALIFORNIA		7. UNIT AGREEMENT NAME
3. ADDRESS OF OPERATOR  85 South 200 East, Vernal, Utah 84078		8. FARM OR LEASE NAME
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface		9. WELL NO.  SEE ATTACHED LIST
14. PERMIT NO.		10. FIELD AND POOL, OR WILDCAT
15. ELEVATIONS (Show whether DP, ET, GR, etc.)		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
12. COUNTY OR PARISH		13. STATE

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) <input type="checkbox"/>	

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

The attached list will advise you of the designated Operator on several leases for which there has been some confusion in the past as to the actual operator.

18. I hereby certify that the foregoing is true and correct

SIGNED Kathy Krulson TITLE Technical Assistant DATE April 1, 1985

(This space for Federal or State office use)

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_

CONDITIONS OF APPROVAL, IF ANY:

\*See Instructions on Reverse Side

WELL NO	LOCATION, TWP, RNG, COUNTY	LEASE NUMBER	DES/OPER	DATE	REMARKS
21-22	NE/NW Sec 22, T12S, R15E, Carbon	U-11604	* PTS	1978	
1-11	SW/SE Sec 11, T12S, R14E, Carbon	U-15254	PTS	1984	
41-9	NE/NE Sec 9, T9S, R24E, Uintah	U-5217	** NGC	1977	NGC Unit Operator
23-25	NE/SW Sec 25, T8S, R23E, Uintah	U-7386	NGC	1977	NGC Unit Operator
23-11	NE/SW Sec 11, T9S, R23E, Uintah	U-0146800	NGC	1977	NGC Unit Operator
33-11	NW/SE Sec 11, T16S, R24E, Grand	U-10423	PTS		PTS has CA which overrides NGC's DO
4-5	NE/SE Sec 5, T10S, R23E, Uintah	U-33433	NGC	1984	

\* PACIFIC TRANSMISSION SUPPLY

\*\* NATURAL GAS CORPORATION OF CALIFORNIA



**EPS Resources Corporation**

Kennedy Center  
10200 E. Girard Ave. Bldg. B. Suite 225  
Denver, Colorado 80231  
(303) 696-2654

November 12, 1986

**RECEIVED**  
NOV 14 1986

**DIVISION OF  
OIL, GAS & MINING**

Ms. Claudia L. Jones  
State of Utah Natural Resources  
355 West North Temple  
3 Triad Center, Suite 350  
Salt Lake City, Utah 84180-1203

Dear Claudia:

As per our conversation, the Dirty Devil, L.P. is Operator of the Dirty Devil Unit. The Unit was formed August 17, 1984 when the Participating Area was approved for Unit well no. 22-27 on October 15, 1986.

The Dirty Devil, L.P. will be reporting production quantities as of November 1, 1986, for all wells within the unit. To expedite reporting of the Dirty Devil 11-29 well, enclosed are production reports for September and October. The well has been tested and is awaiting a pipeline. Production of the well is expected to commence in December.

Sincerely,

DIRTY DEVIL, L.P.

  
Steven Porter

SP/ng



# United States Department of the Interior

BUREAU OF LAND MANAGEMENT  
UTAH STATE OFFICE  
324 SOUTH STATE, SUITE 301  
SALT LAKE CITY, UTAH 84111-2303

IN REPLY REFER TO

October 9, 1986

Dirty Devil, L.P.  
10200 East Girard Ave., Suite E225  
Denver, Colorado 80231

Re: Successor of Operator  
Dirty Devil Unit  
Uintah County, Utah

Gentlemen:

We received an indenture dated October 8, 1986, whereby Hiko Bell Mining and Oil Company resigned as Operator and Dirty Devil, L.P. was designated as Operator for the Dirty Devil Unit Agreement, Uintah County, Utah.

This indenture was executed by all required parties. The signatory parties have complied with Section 6 of the unit agreement. The instrument is hereby accepted effective as of October 9, 1986. Please advise all interested parties of the change in unit operator.

Sincerely,

Howard A. Lemm  
Chief, Branch of Fluid Minerals

Enclosure

RECEIVED  
NOV 14 1986

DIVISION OF  
OIL, GAS & MINING



# United States Department of the Interior

BUREAU OF LAND MANAGEMENT  
UTAH STATE OFFICE  
324 SOUTH STATE, SUITE 301  
SALT LAKE CITY, UTAH 84111-2303

IN REPLY REFER TO

3160  
(U-922)

October 15, 1986

Dirty Devil, L.P.  
10200 East Girard Ave.  
Suite E 225  
Denver, CO 80231

Re: Wasatch Formation Participating Area  
Dirty Devil Unit  
Uintah County, Utah

Gentlemen:

Your application of August 22, 1986, originally filed by Hiko Bell Mining and Oil Company, requests an Initial Wasatch Formation Participating Area "A" of 320.00 acres. The application is to be named the Wasatch Formation Participating Area and is approved effective as of August 17, 1984, pursuant to Section 11 of the Dirty Devil Unit Agreement, Uintah County, Utah.

This participating area is based upon the completion of Unit Well No. 22-27, in the SE $\frac{1}{4}$ NW $\frac{1}{4}$ , Section 27, T. 9 S., R. 24 E., SLM, Federal Unit Tract No. 1, Lease No. SL-071725C, as being a well capable of producing unitized substances in paying quantities. Enclosed is a schedule showing the lands and their percentage of allocation in the participating area. At this time, leases U-14233 and U-38433 are considered unleased tracts, pending outcome of appeals, and should not receive any allocation of revenues.

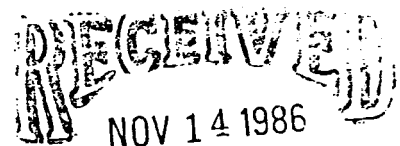
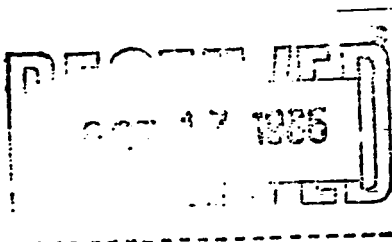
Copies of the approved request are being distributed to the appropriate agencies and one copy is returned herewith. Please advise all interested parties of the establishment of the Wasatch Formation Participating Area.

In accordance with Section 11 and 32 of the Dirty Devil Unit, the Devils Playground Unit No. 14-08-0001-16086 automatically terminated August 17, 1984, and associated participating areas with the Devils Playground Unit are now incorporated into the Dirty Devil Unit.

Sincerely,

Acting *Howard A. Lemm*  
Howard A. Lemm  
Chief, Branch of Fluid Minerals

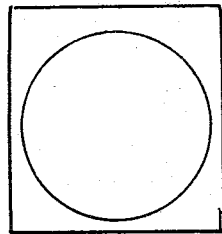
Enclosure



DIVISION OF  
OIL, GAS & MINING

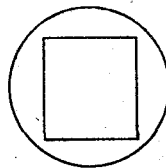
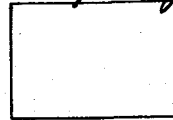
Devil's  
Play ground #41-9 Sec 9, T50, R24E

Brinkley 13 July 88



tank w/  
fuel valves

emergency pit



dehy. dehydrator  
w/ shed.



well head

access  
road





TAS

---

**EPS Resources Company**

5655 South Yosemite  
Suite 460  
Englewood, CO 80111  
(303) 721-7920  
October 6, 1988

**RECEIVED**  
OCT 11 1988

Connie Larsen  
Utah State Tax Commission  
160 East Third South  
Salt Lake City, UT 84134-0550

DIVISION OF  
OIL, GAS & MINING

RE: Dirty Devil Unit  
Uintah County, Utah  
Utah Account No. N5001

Dear Connie:

In reference to our recent conversation, I spoke with Dwain Immel of our office and he informed me that The Dirty Devil, L.P. is the operator of The Dirty Devil Unit located in Uintah County, Utah. EPS Resources Company is the Managing General Partner of The Dirty Devil, L.P. Please let your records show The Dirty Devil, L.P. as operator of the following wells with the corresponding account number N5001.

<u>Well Name</u> <u>API Number</u>	<u>Entity</u>	<u>Location</u>
Devils Playground Fed 23-17 4304730568	06136	09S 24E 17
Devils Playground 41-9 4304730339	06195	09S 24E 9
Red Wash Fed 1-18 4304730124	06200	09S 24E 18
Dirty Devil 22-27 4304731507	09585	09S 24E 27
Dirty Devil Unit 11-29 4304731617	09586	09S 24E 29
Dirty Devil Unit 31-15A 4304731726	10697	09S 24E 15
Devils Playground Fed 23-20 4304731009	10698	09S 24E 20

THE DIRTY DEVIL, L.P. - OPERATOR  
GAS WELLS IN THE DIRTY DEVIL UNIT

022031

<u>Well Name</u>	<u>Location</u>	<u>Lease #</u>
1. Well No. 31-15A	NW/4NE/4 Section 15 T9S-R24E SLM Uintah County, Utah API #4304731726	ML-28042
2. Well No. 32-31	SW/4NE/4 Section 31 T9S-R24E SLM Uintah County, Utah API #4304731010	U-9215
3. Well No. 44-5	SE/4SE/4 Section 5 T10S-R24E SLM Uintah County, Utah API #4304730280	U-1207
4. Well No. 11-29	NW/4NW/4 Section 29 T9S-R24E SLM Uintah County, Utah API #4304731617	ML - 22161
5. Well No. 23-20	NE/4SW/4 Section 20 T9S-R24E SLM Uintah County, Utah API #4304731009	U-31266
6. Well No. 23-17	NE/4SW/4 Section 17 T9S-R24E SLM Uintah County, Utah API #4304730568	U-31266
7. Well No. 22-27	SE/4NW/4 Section 27 T9S-R24E SLM Uintah County, Utah API #4304731507	SL-071725-C
8. Well No. 41-9	NE/4NE/4 Section 9 T9S-R24E SLM Uintah County, Utah API #4304730339	U-5217

PGW

**DIRTY DEVIL UNIT**  
**GAS WELLS**

9. Well No. 1-18

NW/4NE/4 Section 18  
T9S-R24E  
SLM  
Uintah County, Utah  
API #4304730124

U-0145459



## EPS Resources Corporation

5655 South Yosemite  
Suite 460  
Englewood, CO 80111  
(303) 721-7920

May 18, 1989

RECEIVED  
MAY 22 1989

Bureau of Land Management  
Attn: Mr. Ed Forman  
Vernal District Office  
170 South, 500 East  
Vernal, Utah 84078

DIVISION OF  
OIL, GAS & MINING

5/24/89 spoke w/ Mr. Neibauer  
at 4:10 p.m. effective date  
is 1-1-89 JS

RE: Dirty Devil Unit  
Uintah County, Utah

Dear Mr. Forman:

This letter is written notification to change the name of the Operator of the Dirty Devil Unit from the Dirty Devil L.P. to EPS Resources Corporation.

EPS Resources Corporation is the Managing General Partner of the Dirty Devil L.P..

EPS Resources Corporation has provided a letter of credit #244 to the Bureau of Land Management.

Attached is the list of wells EPS Resources Corporation owns and operates in the Dirty Devil Unit.

If you have any questions, please do not hesitate to contact myself or Cindy Senko at (303) 721-7920.

Sincerely,

Edward Neibauer  
President

CS/ntm

Enclosure

cc: State of Utah, Division of Oil, Gas & Mining  
Attn: Mickey Coulthard  
355 West North Temple  
3 Triad Center, Suite 350  
Salt Lake City, Utah 84180-1203

OIL AND GAS	
DRN	3 ✓
4-JRB ✓	5- GLH ✓
DTS	6- SLS ✓
1-TAS ✓	2-NCR ✓
7- MICROFILM ✓	
8- FILE	

Mr. Ed Forman  
Page Two  
May 18, 1989

DIRTY DEVIL UNIT  
UINTAH COUNTY, UTAH

<u>Well Number</u>	<u>Lease No.</u>	<u>Section</u> <u><math>\frac{1}{4}</math> of <math>\frac{1}{4}</math></u>	<u>TWP</u>	<u>RNG</u>
23-17	U-31266	NESW Sec. 17	9S	24E
23-20	U-31266	NESW Sec. 20	9S	24E
41-9	U-5217	NENE Sec. 9	9S	24E
1-18	U-0145459	NWNE Sec. 18	9S	24E
22-27	SL-071725-C	SENE Sec. 27	9S	24E
11-29	ML-22161	NWNW Sec. 29	9S	24E
31-15A	ML-28042	NWNE Sec. 15	9S	24E
1-4	U-1207	NENW Sec. 4	10S	24E
1-5	U-1207	NENW Sec. 5	10S	24E
1-8	U-59150	SESW Sec. 8	9S	24E
1-9	U-59089	SWSE Sec. 9	9S	24E

355 West North Temple, 3 Triad Center, Suite 350, Salt Lake City, Ut  
84180-1203. • (801-538-5340)

Page 1 of 1

# MONTHLY OIL AND GAS PRODUCTION REPORT

**Operator name and address:**

e# 1-1-89  
 DIRTY DEVIL, L.P. EPS RESOURCES CORP.  
 5655 S.YOSEMITE, STE 460  
 ENGLEWOOD CO 80111  
 ATTN: DALE ANNE KESSLER

Utah Account No. N2025 ~~N5001~~

Report Period (Month/Year) 4 / 89

Amended Report ☐

Well Name	Producing Zone	Days Oper	Production Volume		
API Number      Entity                  Location	Zone	Oper	Oil (BBL)	Gas (MSCF)	Water (BBL)
DEVILS PLAYGROUND FED 23-17 ✓ 4304730568 06136 09S 24E 17	MVRD				
DEVILS PLAYGRND 41-9 ✓ 4304730339 06195 09S 24E 9	WSTC				
RED WASH FED 1-18 ✓ 4304730124 06200 09S 24E 18	WSTC				
DIRTY DEVIL 22-27 ✓ 4304731507 09585 09S 24E 27	WSTC				
DIRTY DEVIL UNIT #11-29 ✓ 4304731617 09586 09S 24E 29	MVRD				
DIRTY DEVIL UNIT #31-15A ✓ 4304731726 10697 09S 24E 15	GRRV				
DEVILS PLAYGROUND FED 23-20 ✓ 4304731009 10698 09S 24E 20	MVRD				
<b>TOTAL</b>					

Comments (attach separate sheet if necessary) \* 5-26-89 Entities are all single entity wells  
(ok!) lcf

I have reviewed this report and certify the information to be accurate and complete. Date \_\_\_\_\_

**Authorized signature**

Telephone \_\_\_\_\_

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATE  
(Other Instructions on  
reverse side)

Form approved.  
Budget Bureau No. 1004-0135  
Expires August 31, 1985

5. LEASE DESIGNATION AND SERIAL NO.

UTU-5217

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

Dirty Devil Unit

8. FARM OR LEASE NAME

9. WELL NO.

41-9

10. FIELD AND POOL, OR WILDCAT

11. SEC., T., R., M., OR BLK. AND  
SURVEY OR AREA

Sec. 9; T9S-R24E

12. COUNTY OR PARISH

Uintah

13. STATE

Utah

1.

OIL WELL ☐ GAS WELL ☒ OTHER

2. NAME OF OPERATOR

Valley Operating, Inc.

3. ADDRESS OF OPERATOR

745 Gilpin Street, Denver, Colorado 80218-3633

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.\*  
See also space 17 below.)  
At surface

T9S-R24E, Sec. 9: NENE

14. PERMIT NO.

43-047-30339

15. ELEVATIONS (Show whether DF, RT, GR, etc.)

16.

Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF ☐

FRACTURE TREAT ☐

SHOOT OR ACIDIZE ☐

REPAIR WELL ☐

(Other) Change of Operator

PULL OR ALTER CASING ☐

MULTIPLE COMPLETE ☐

ABANDON\* ☐

CHANGE PLANS ☐

X

SUBSEQUENT REPORT OF:

WATER SHUT-OFF ☐

FRACTURE TREATMENT ☐

SHOOTING OR ACIDIZING ☐

(Other)

REPAIRING WELL ☐

ALTERING CASING ☐

ABANDONMENT\* ☐

(Note: Report results of multiple completion on Well  
Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

Valley Operating, Inc., is submitting this Sundry Notice to effect the change of Operator from EPS Resources Corporation to Valley Operating, Inc.

Valley Operating, Inc., as Operator is covered under Statewide Utah Oil and Gas Bond No. UT0832.

Effective 3/8/91.

RECEIVED

AUG 12 1991

DIVISION OF  
OIL GAS & MINING

18. I hereby certify that the foregoing is true and correct

SIGNED

E. Lee Robinson

TITLE Vice-President

DATE 4-8-91

(This space for Federal or State office use)

ASSISTANT DISTRICT  
MANAGER

APPROVED BY

CONDITIONS OF APPROVAL, IF ANY:

TITLE

DATE JUN 03 1991

\*See Instructions on Reverse Side

# Valley Operating, Inc.

Office: (303) 355-3242 Fax: (303) 377-9798

745 Gilpin Street  
Denver, Colorado 80218-3633

August 8, 1991

Division of Oil, Gas & Mining  
ATTN: Lisha Romero  
3 Triad Center, Suite 350  
Salt Lake City, Utah 84180-1203

RE: Approved Sundry Notices for wells  
in Uintah County, Utah


Dear Ms. Romero:

As per the regulations please find enclosed the approved Sundry Notices from the Bureau of Land Management for the following wells in which Valley Operating, Inc. has been approved as the new Operator in Uintah County, Utah:

11-29	31-15-A
28-1	1-18
13-1	
22-27	
32-2	
1-9	
41-9	
23-17	
23-20	

Please inform me if we are missing any Sundry Notices that you are aware of.

Sincerely yours,

  
Cindy Senko  
Contract Landman

cs

Enclosures

RECEIVED

AUG 12 1991

DIVISION OF  
OIL GAS & MINING



1- UCR	<i>file</i>
2- DTS	
3- VLE	
4- RJF	<i>✓</i>
5- RWM	<i>✓</i>
6- LCR	<i>file</i>

Attach all documentation received by the division regarding this change.  
Initial each listed item when completed. Write N/A if item is not applicable.

☒ Change of Operator (well sold)  
☐ Designation of Operator

☐ Designation of Agent  
☐ Operator Name Change Only

The operator of the well(s) listed below has changed (EFFECTIVE DATE: 3-8-91)

TO (new operator) VALLEY OPERATING, INC.  
(address) 745 GILPIN STREET  
DENVER, CO 80218-3633  
CINDY SENKO/LANDMAN  
phone ( 303 ) 355-3242  
account no. N8270

FROM (former operator) EPS RESOURCES CORP.  
(address) 5655 S. YOSEMITE, #460  
ENGLEWOOD, CO 80111  
DALE ANN KESLER  
phone ( 303 ) 721-7920  
account no. N 2025

Well(s) (attach additional page if needed):

Name: <u>DEVILS PLAYGRND 23-17/MV</u>	API: <u>43-047-30568</u>	Entity: <u>6136</u>	Sec <u>17</u> Twp <u>9S</u> Rng <u>24E</u>	Lease Type: <u>U-31266</u>
Name: <u>DEVILS PLAYGRND 23-20/MV</u>	API: <u>43-047-31009</u>	Entity: <u>10698</u>	Sec <u>20</u> Twp <u>9S</u> Rng <u>24E</u>	Lease Type: <u>U-31266</u>
Name: <u>DIRTY DEVIL U 31-15A/GR</u>	API: <u>43-047-31726</u>	Entity: <u>10697</u>	Sec <u>15</u> Twp <u>9S</u> Rng <u>24E</u>	Lease Type: <u>ML-28042</u>
Name: <u>RED WASH FED 1-18/WSTC</u>	API: <u>43-047-30124</u>	Entity: <u>6200</u>	Sec <u>18</u> Twp <u>9S</u> Rng <u>24E</u>	Lease Type: <u>U-014545</u>
Name: _____	API: _____	Entity: _____	Sec _____ Twp _____ Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____ Twp _____ Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____ Twp _____ Rng _____	Lease Type: _____

#### OPERATOR CHANGE DOCUMENTATION

1. (Rule R615-8-10) Sundry or other legal documentation has been received from former operator (Attach to this form). (*Unable to get documentation*).
2. (Rule R615-8-10) Sundry or other legal documentation has been received from new operator (Attach to this form). (*Rec'd 8-12-91*).
3. The Department of Commerce has been contacted if the new operator above is not currently operating any wells in Utah. Is company registered with the state? (yes/no) \_\_\_\_ If yes, show company file number: #150678.
4. (For Indian and Federal Wells ONLY) The BLM has been contacted regarding this change (attach Telephone Documentation Form to this report). Make note of BLM status in comments section of this form. Management review of Federal and Indian well operator changes should take place prior to completion of steps 5 through 9 below.
5. Changes have been entered in the Oil and Gas Information System (Wang/IBM) for each well listed above. (*8-21-91*).
6. Cardex file has been updated for each well listed above.
7. Well file labels have been updated for each well listed above.
8. Changes have been included on the monthly "Operator, Address, and Account Changes" memo for distribution to State Lands and the Tax Commission.
9. A folder has been set up for the Operator Change file, and a copy of this page has been placed there for reference during routing and processing of the original documents.

## ENTITY REVIEW

1. (Rule R615-8-7) Entity assignments have been reviewed for all wells listed above. Were entity changes made? (yes/no) no (If entity assignments were changed, attach copies of Form 6, Entity Action Form).
2. State Lands and the Tax Commission have been notified through normal procedures of entity changes.

## BOND VERIFICATION (Fee wells only)

1. (Rule R615-3-1) The new operator of any fee lease well listed above has furnished a proper bond.
2. A copy of this form has been placed in the new and former operators' bond files.
3. The former operator has requested a release of liability from their bond (yes/no) \_\_\_\_\_. Today's date \_\_\_\_\_ 19\_\_\_\_. If yes, division response was made by letter dated \_\_\_\_\_ 19\_\_\_\_.

## LEASE INTEREST OWNER NOTIFICATION RESPONSIBILITY

1. (Rule R615-2-10) The former operator/lessee of any fee lease well listed above has been notified by letter dated \_\_\_\_\_ 19\_\_\_\_, of their responsibility to notify any person with an interest in such lease of the change of operator. Documentation of such notification has been requested.
2. Copies of documents have been sent to State Lands for changes involving State leases.

## RECORDING

1. All attachments to this form have been microfilmed. Date: Sept 6 1991.

## FILED

1. Copies of all attachments to this form have been filed in each well file.
2. The original of this form and the original attachments have been filed in the Operator Change file.

## REMARKS

010815 Btm/Vernal Approved, effective dates 6-3-91 and 6-12-91. (see individual well sundry)

Division of Oil, Gas and Mining  
**OPERATOR CHANGE WORKSHEET**

Routing	1- LCR <i>✓</i>
	2- <del>DPS</del> <i>✓</i>
	3- VLC <i>✓</i>
	4- RJF <i>✓</i>
	5- RWM <i>✓</i>
	6- LCR <i>✓</i>

Attach all documentation received by the division regarding this change.  
 Initial each listed item when completed. Write N/A if item is not applicable.

☒ Change of Operator (well sold)      ☐ Designation of Agent  
☐ Designation of Operator      ☐ Operator Name Change Only

The operator of the well(s) listed below has changed (EFFECTIVE DATE: 3/8/91)

TO (new operator)	<u>VALLEY OPERATING, INC.</u>	FROM (former operator)	<u>EPS RESOURCES CORP.</u>
(address)	<u>745 GILPIN STREET</u>	(address)	<u>5655 S. YOSEMITE, #460</u>
	<u>DENVER, CO 80218-3633</u>		<u>ENGLEWOOD, CO 80111</u>
	<u>CINDY SENKO/LANDMAN</u>		<u>DALE ANN KESLER</u>
	<u>phone (303 ) 355-3242</u>		<u>phone (303 ) 721-7920</u>
	<u>account no. N 8270</u>		<u>account no. N2025</u>

Well(s) (attach additional page if needed):

Name: <u>DIRTY DEVIL U #11-29/MV</u>	API: <u>43-047-31617</u>	Entity: <u>9586</u>	Sec <u>29</u> Twp <u>9S</u> Rng <u>24E</u>	Lease Type: <u>ML-2216</u>
Name: <u>COYOTE BASIN 28-1/GRRV</u>	API: <u>43-047-30098</u>	Entity: <u>10095</u>	Sec <u>28</u> Twp <u>8S</u> Rng <u>25E</u>	Lease Type: <u>U-01625</u>
Name: <u>FEDERAL #13-1/UNTA</u>	API: <u>43-047-31811</u>	Entity: <u>10796</u>	Sec <u>13</u> Twp <u>8S</u> Rng <u>23E</u>	Lease Type: <u>U-61396</u>
Name: <u>DIRTY DEVIL U 22-27/WST</u>	API: <u>43-047-31507</u>	Entity: <u>9585</u>	Sec <u>27</u> Twp <u>9S</u> Rng <u>24E</u>	Lease Type: <u>SL71725</u>
Name: <u>CONOCO ST 32-2/DGCRK</u>	API: <u>43-047-30100</u>	Entity: <u>10096</u>	Sec <u>32</u> Twp <u>8S</u> Rng <u>25E</u>	Lease Type: <u>ML-11124</u>
Name: <u>FEDERAL 1-9/DRL</u>	API: <u>43-047-31852</u>	Entity: <u>11199</u>	Sec <u>9</u> Twp <u>9S</u> Rng <u>24E</u>	Lease Type: <u>U-5217</u>
Name: <u>DEVILS PLAYGRND 41-9/WS</u>	API: <u>43-047-30339</u>	Entity: <u>6195</u>	Sec <u>9</u> Twp <u>9S</u> Rng <u>24E</u>	Lease Type: <u>U-5217</u>

**OPERATOR CHANGE DOCUMENTATION**

- N/A* 1. (Rule R615-8-10) Sundry or other legal documentation has been received from former operator (Attach to this form). (*Unable to get documentation*)
- See* 2. (Rule R615-8-10) Sundry or other legal documentation has been received from new operator (Attach to this form). (*Rec'd 8-12-91*)
- See* 3. The Department of Commerce has been contacted if the new operator above is not currently operating any wells in Utah. Is company registered with the state? (yes/no) \_\_\_\_ If yes, show company file number: #150678.
- See* 4. (For Indian and Federal Wells ONLY) The BLM has been contacted regarding this change (attach Telephone Documentation Form to this report). Make note of BLM status in comments section of this form. Management review of **Federal and Indian** well operator changes should take place prior to completion of steps 5 through 9 below.
- See* 5. Changes have been entered in the Oil and Gas Information System (Wang/IBM) for each well listed above. (*8-21-91*)
- See* 6. Cardex file has been updated for each well listed above. (*8-21-91*)
- See* 7. Well file labels have been updated for each well listed above.
- See* 8. Changes have been included on the monthly "Operator, Address, and Account Changes" memo for distribution to State Lands and the Tax Commission.
- See* 9. A folder has been set up for the Operator Change file, and a copy of this page has been placed there for reference during routing and processing of the original documents.

## ENTITY REVIEW

- See* 1. (Rule R615-8-7) Entity assignments have been reviewed for all wells listed above. Were entity changes made? (yes/no) (no) (If entity assignments were changed, attach copies of Form 6, Entity Action Form).
- See* 2. State Lands and the Tax Commission have been notified through normal procedures of entity changes.

## BOND VERIFICATION (Fee wells only)

- See* 1. (Rule R615-3-1) The new operator of any fee lease well listed above has furnished a proper bond.
- See* 2. A copy of this form has been placed in the new and former operators' bond files.
- See* 3. The former operator has requested a release of liability from their bond (yes/no) (no). Today's date 9-3-91 1991. If yes, division response was made by letter dated 9-3-91 1991.

## LEASE INTEREST OWNER NOTIFICATION RESPONSIBILITY

- See* 1. (Rule R615-2-10) The former operator/lessee of any fee lease well listed above has been notified by letter dated 9-3-91 1991, of their responsibility to notify any person with an interest in such lease of the change of operator. Documentation of such notification has been requested.
- See* 2. Copies of documents have been sent to State Lands for changes involving State leases. to - Ed Bonner

## FILED

- See* 1. All attachments to this form have been microfilmed. Date: Sept 6 1991.

## FILED

- See* 1. Copies of all attachments to this form have been filed in each well file.
- See* 2. The original of this form and the original attachments have been filed in the Operator Change file.

## REMARKS

10815 Btm/Vernal Approved, effective dates 6-3-91 and 6-12-91. (see individual well sundry)

# Valley Operating, Inc.

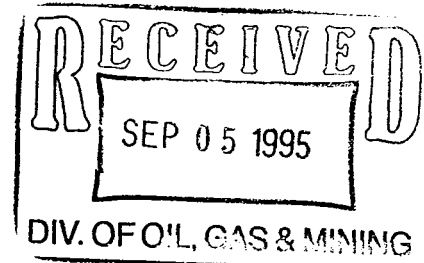
Office: (303) 355-3242 Fax: (303) 377-9798

745 Gilpin Street  
Denver, Colorado 80218-3633

August 31, 1995

RE: Notice of Resignation as Unit Operator  
Dirty Devil Unit  
Uintah County, Utah

Working Interest Owners  
and Authorized Officers  
(BLM and State of Utah)



In accordance with Article 5 of the Dirty Devil Unit Agreement dated July 12, 1984, Valley Operating Inc. ("Valley") hereby tenders its Notice of Resignation as Operator of the Dirty Devil Unit. This resignation will be effective September 1, 1995.

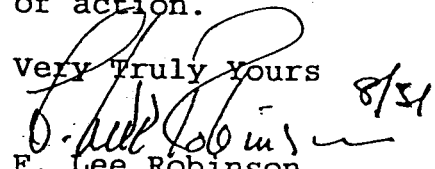
With this Notice of Resignation, the working interest parties listed above will be jointly responsible for the performance of the duties of the Unit Operator until a successor Operator can be identified and approved by the Authorized Officer of the Bureau of Land Management. Valley will cooperate in making the transition and assist in completing the transfer of all records to the new designated Agent or Operator.

The Unit now consists of three wells capable of production but which are currently shut in. The wells are the Federal 1-18C (Lease U-0145459), Federal 41-9 (Lease U-5217) and Federal 22-27 (Lease SL-071725-C). The wells and leases are in good condition and currently in compliance with Federal and State regulations.

As a possible a successor Operator, Gerrity Oil and Gas Corporation ("Gerrity") may be a logical choice. Gerrity is a progressive, publically traded company which has recently acquired a substantial interest in the surrounding wells and leases. They have successfully reworked several well bores, completed the Antelope #1-29 as a new discovery and drilled another Wasatch (Antelope #2-20) well which is currently being completed. Gerrity is also the new owner of the gathering system which gathers gas from the Dirty Devil Unit wells.

Commensurate with this Notice of Resignation, Valley will make every reasonable attempt to coordinate the designation of the new Operator. Please contact the undersigned immediately with your recommendation as a further course of action.

Very Truly Yours

  
F. Lee Robinson  
Vice President

Distribution List

Notice of Resignation  
August 31, 1995

- 1) Anchor No II Partnership, Ltd  
8571 South Taos Circle  
Sandy, Utah 84092
- 2) Hiko Bell Mining & Oil Co  
P.O. Box 1845  
Vernal, Utah 84078
- 3) Snyder Oil Corporation  
1625 Broadway  
Denver, Colorado 80202  
Attn: Jill Scherff
- 4) Wildhorse Oil and Gas  
c/o James Drollinger  
Drollinger, Judd and Winward  
363 East Main Street  
Vernal, Utah 84078
- 5) Yates Petroluem Corporation  
105 South Fourth Street  
Artesia, New Mexico 88210  
Attn: Janett Richardson
- 6) Bureau of Land Management  
Utah State Office  
324 South State St, Suite #301  
Salt Lake City, Utah 84111-2303  
Attn: Robert A. Henricks
- 7) State of Utah - Natural Resources  
Division of Oil, Gas and Mining  
355 West North Temple  
3 Triad Center, Suite #350  
Salt Lake City, Utah 84180-1203  
Attn: R.J. Firth
- 8) Gerrity Oil & Gas Corporation  
4100 East Mississippi Ave, #1200  
Denver, Colorado 80222  
Attn: Terry L. Ruby

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
Budget Bureau No. 1004-0135  
Expires: March 31, 1993

**SUNDRY NOTICES AND REPORTS ON WELLS**

Do not use this form for proposals to drill or to deepen or reentry a different reservoir.  
Use "APPLICATION FOR PERMIT -" for such proposals

**SUBMIT IN TRIPLICATE**

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

**Gerrity Oil & Gas Corporation**

3. Address and Telephone No.

**4100 E. Mississippi Ave., #1200, Denver CO 80222, 303/757-1110**

4. Location of Well (Footage, Sec., T., R., m., or Survey Description)

**479' FNL & 850' FEL Sec. 9-T9S-R24E**

5. Lease Designation and Serial No.

**U-5217**

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

**Dirty Devil**

8. Well Name and No.

**Federal #41-09**

9. API Well No.

**43-047-30339**

10. Field and Pool, or Exploratory Area

**Wildcat**

11. County or Parish, State

**Uintah Co., Utah**

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

☐ Notice of Intent  
☒ Subsequent Report  
☐ Final Abandonment Notice

TYPE OF ACTION

☐ Abandonment  
☐ Recompletion  
☐ Plugging Back  
☐ Casing Repair  
☐ Altering Casing  
☒ Other **Change of Operator**

☐ Change of Plans  
☐ New Construction  
☐ Non-Routine Fracturing  
☐ Water Shut-Off  
☐ Conversion to Injection  
☐ Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

Please be advised that Gerrity Oil & Gas Corporation is considered to be the operator of the Dirty Devil Federal #41-09, NENE Section 9, Township 9 South, Range 24 East, Uintah County, Utah; and responsible under the terms and conditions of the lease for the operations conducted upon the leased lands. Bond coverage is provided by the United States Fire Insurance Company.

14. I hereby certify that the foregoing is true and correct

Signed

*[Signature]*  
*[Signature]*

Title

Valley Operating, Inc.

*[Signature]*

Date

*[Signature]*  
1/01/96

14. I hereby certify that the foregoing is true and correct

Signed

Gerrity Oil & Gas Corporation

Title Vice President

Date

1/01/96

(This space for Federal or State office use)

Approved by

Title

Date

Conditions of approval, if any:

**COPY**

# United States Department of the Interior

## BUREAU OF LAND MANAGEMENT

Utah State Office  
P.O. Box 45155  
Salt Lake City, Utah 84145-0155

IN REPLY REFER TO:  
UT-922

January 12, 1996

JAN - 7 1996

DIVISION OF OIL, GAS & MINING

Gerrity Oil & Gas Corporation  
4100 East Mississippi Avenue, Suite 1200  
Denver, Colorado 80222

RE: Dirty Devil Unit  
Uintah County, Utah

Gentlemen:

On January 12, 1996, we received an indenture dated January 1, 1996, whereby Valley Operating, Inc. resigned as Unit Operator and Gerrity Oil & Gas Corporation was designated as Successor Unit Operator for the Dirty Devil Unit, Uintah County, Utah.

This indenture was executed by all required parties and the signatory parties have complied with Sections 5 and 6 of the unit agreement. The instrument is hereby approved effective January 12, 1996. In approving this designation, the Authorized Officer neither warrants nor certifies that the designated party has obtained all required approval that would entitle it to conduct operations under the Dirty Devil Unit Agreement.

Your statewide (Utah) oil and gas bond No. UT1014 will be used to cover all operations within the Dirty Devil Unit.

It is requested that you notify all interested parties of the change in unit operator. Copies of the approved instruments are being distributed to the appropriate federal offices, with one copy returned herewith.

Sincerely,

/s/ Robert A. Henricks

Robert A. Henricks  
Chief, Branch of Fluid Minerals

Enclosure

bcc: District Manager - Vernal (w/enclosure)  
Division of Oil, Gas & Mining  
Division of Mineral Adjudication U-923  
File - Dirty Devil Unit (w/enclosure)  
MMS - Data Management Division  
Agr. Sec. Chron  
Fluid Chron



Page No. 1  
01/12/96

WELL STATUS REPORTS  
UTAH STATE OFFICE

INSPECTION ITEM	API NO.	WELL NUMBER	QTQT	SEC	TWN	RNG	WELL STATUS	LEASE NAME	OPERATOR
** INSPECTION ITEM 83684U7280		DIRTY DEVIL WS							
83684U7280	430473150700S1	22-27	SENE	27	9S	24E	TA	UTSL071725C	VALLEY OPERATING INCORPORATED
** INSPECTION ITEM 83684U728B		DIRTY DEVIL WS B							
83684U728B	430473033900S1	41-9	SENE	9	9S	24E	PGW	UTUS2:7	VALLEY OPERATING INCORPORATED
** INSPECTION ITEM 83684U728C		DIRTY DEVIL WS C							
83684U728C	430473012400S1	1-18	SENE	18	9S	24E	PGW	UTU0145459	VALLEY OPERATING INCORPORATED

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
Budget Bureau No. 1004-0135  
Expires: March 31, 1993

**SUNDRY NOTICES AND REPORTS ON WELLS**

Do not use this form for proposals to drill or to deepen or reentry a different reservoir.  
Use "APPLICATION FOR PERMIT -" for such proposals

**SUBMIT IN TRIPLICATE**

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

**Lone Mountain Production Co.**

3. Address and Telephone No.

**P. O. Box 3394 Billings, MT 59103**

4. Location of Well (Footage, Sec., T., R., m., or Survey Description)

**479' FNL & 850' FEL Sec. 9-T9S-R24E**

5. Lease Designation and Serial No.

**U-5217**

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

**Dirty Devil**

8. Well Name and No.

**Federal #41-09**

9. API Well No.

**43-047-30339**

10. Field and Pool, or Exploratory Area

**Wildcat**

11. County or Parish, State

**Uintah Co., Utah**

12. **CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA**

**TYPE OF SUBMISSION**

☐ Notice of Intent  
☒ Subsequent Report  
☐ Final Abandonment Notice

**TYPE OF ACTION**

☐ Abandonment  
☐ Recompletion  
☐ Plugging Back  
☐ Casing Repair  
☐ Altering Casing  
☒ Other **Change of Operator**

☐ Change of Plans  
☐ New Construction  
☐ Non-Routine Fracturing  
☐ Water Shut-Off  
☐ Conversion to Injection  
☐ Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

Please be advised that Lone Mountain Production Co. is considered to be the operator of the Dirty Devil Federal #41-09, NENE Section 9, Township 9 South, Range 24 East, Uintah County, Utah; and responsible under the terms and conditions of the lease for the operations conducted upon the leased lands.

Bond coverage is provided by Lone Mountain Production Co.'s statewide oil and gas bond - UT0719. Field operations will be handled by Lone Mountain's Grand Junction, CO office.

14. I hereby certify that the foregoing is true and correct

Signed

*James D. Routson*  
James D. Routson

Lone Mountain Production Co.  
Title President

Date

*7/22/96*  
*11/01/95*

14. I hereby certify that the foregoing is true and correct

Signed

*Terry L. Ruby*  
Terry L. Ruby

Gerrity Oil & Gas Corporation  
Title Vice President

Date

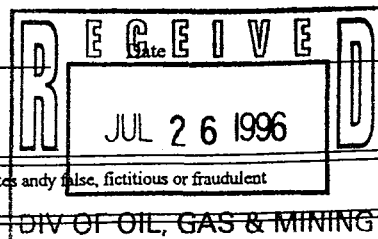
*7/22/96*  
*11/01/95* *T.R.*

(This space for Federal or State office use)

Approved by

Title

Conditions of approval, if any:



Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

**\*See Instructions on Reverse Side**

Division of Oil, Gas and Mining  
**OPERATOR CHANGE WORKSHEET**

Routing:

1	FILE 7-FILM
2	FILE 8-FILM
3	VLD
4	RJH
5	LR
6	SJ

Attach all documentation received by the division regarding this change.  
 Initial each listed item when completed. Write N/A if item is not applicable.

☒ Change of Operator (well sold) ☐ Designation of Agent  
☐ Designation of Operator ☐ Operator Name Change Only

The operator of the well(s) listed below has changed (EFFECTIVE DATE: 1-12-96)

TO (new operator) **GERRITY OIL & GAS CORP.**  
 (address) **4100 E MISSISSIPPI #1200**  
**DENVER CO 80222**  
**JENNIFER CARTER**  
 phone (303) **757-1110**  
 account no. **N6355**

FROM (former operator) **VALLEY OPERATING INC**  
 (address) **745 GILPIN ST**  
**DENVER CO 80218-3633**  
**LEE ROBINSON**  
 phone (303) **289-7720**  
 account no. **N8270**

**\*DIRTY DEVIL UNIT**

Well(s) (attach additional page if needed):

Name: <b>DIRTY DEVIL 22-27/WSTC</b>	API: <b>43-047-31507</b>	Entity: <b>9585</b>	Sec <b>27</b> Twp <b>9S</b> Rng <b>24E</b>	Lease Type: <b>SL071725C</b>
Name: <b>DEVILS PLAYGROUND 41-9</b>	API: <b>43-047-30339</b>	Entity: <b>6195</b>	Sec <b>9</b> Twp <b>9S</b> Rng <b>24E</b>	Lease Type: <b>U5217</b>
Name: <b>RED WASH FED 1-18/WSTC</b>	API: <b>43-047-30124</b>	Entity: <b>6200</b>	Sec <b>18</b> Twp <b>9S</b> Rng <b>24E</b>	Lease Type: <b>U0145459</b>
Name: _____	API: _____	Entity: _____	Sec _____ Twp _____ Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____ Twp _____ Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____ Twp _____ Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____ Twp _____ Rng _____	Lease Type: _____

**OPERATOR CHANGE DOCUMENTATION**

- Sec 1. (Rule R615-8-10) Sundry or other legal documentation has been received from former operator (Attach to this form). *(Rec'd 9-5-95)*
- Sec 2. (Rule R615-8-10) Sundry or other legal documentation has been received from new operator (Attach to this form). *(Reg. 1-19-96) (Rec'd 1-22-96)*
- N/A 3. The Department of Commerce has been contacted if the new operator above is not currently operating any wells in Utah. Is company registered with the state? (yes/no) \_\_\_\_ If yes, show company file number: \_\_\_\_\_
- Sec 4. (For Indian and Federal Wells ONLY) The BLM has been contacted regarding this change (attach Telephone Documentation Form to this report). Make note of BLM status in comments section of this form. Management review of Federal and Indian well operator changes should take place prior to completion of steps 5 through 9 below.
- Sec 5. Changes have been entered in the Oil and Gas Information System (Wang/IBM) for each well listed above. *(1-22-96)*
- Sec 6. Cardex file has been updated for each well listed above.
- Sec 7. Well file labels have been updated for each well listed above.
- Sec 8. Changes have been included on the monthly "Operator, Address, and Account Changes" memo for distribution to State Lands and the Tax Commission.
- Sec 9. A folder has been set up for the Operator Change file, and a copy of this page has been placed there for reference during routing and processing of the original documents.

### ENTITY REVIEW

- Yes* 1. (Rule R615-8-7) Entity assignments have been reviewed for all wells listed above. Were entity changes made? (yes/no) no (If entity assignments were changed, attach copies of Form 6, Entity Action Form).
- N/A* 2. State Lands and the Tax Commission have been notified through normal procedures of entity changes.

### BOND VERIFICATION (Fee wells only)

- N/A* 1. (Rule R615-3-1) The new operator of any fee lease well listed above has furnished a proper bond.
- Yes* 2. A copy of this form has been placed in the new and former operators' bond files.
3. The former operator has requested a release of liability from their bond (yes/no) no. Today's date                      19    . If yes, division response was made by letter dated                      19    .

### LEASE INTEREST OWNER NOTIFICATION RESPONSIBILITY

- N/A* 1. (Rule R615-2-10) The former operator/lessee of any fee lease well listed above has been notified by letter dated                      19    , of their responsibility to notify any person with an interest in such lease of the change of operator. Documentation of such notification has been requested.
- N/A* 2. Copies of documents have been sent to State Lands for changes involving State leases.

### FILMING

- ✓* 1. All attachments to this form have been microfilmed. Date: 2.2.96 19    .

### FILING

1. Copies of all attachments to this form have been filed in each well file.
2. The original of this form and the original attachments have been filed in the Operator Change file.

### COMMENTS

*9/01/99 BLM/SL apr. 1-12-96 eff. 1-12-96.*

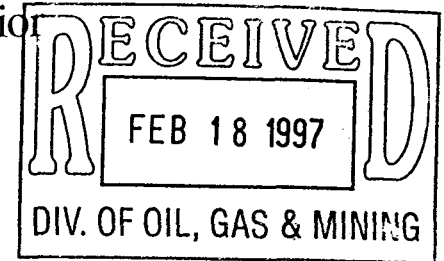


United States Department of the Interior

BUREAU OF LAND MANAGEMENT

Utah State Office  
P.O. Box 45155  
Salt Lake City, UT 84145-0155

**COPY**



February 12, 1997

CERTIFIED MAIL  
RETURN RECEIPT REQUESTED

Wildhorse Oil and Gas  
c/o James Drollinger  
Drollinger, Judd, Winward  
363 E. Main Street  
Vernal, Utah 84078

Hiko Bell Mining & Oil Company  
Attn: Robert E. Covington  
P.O. Box 1845  
Vernal, Utah 84078

Yates Petroleum Corporation  
Attn: Janet Richardson  
P.O. Box 1395  
Artesia, New Mexico 88210

Snyder Oil Corporation  
Attn: Paul Brooke  
1625 Broadway, Suite 2200  
Denver, Colorado 80202

Ancor No. II Ptr., Ltd.  
8571 South Taos Circle  
Sandy, Utah 84092

Key Production Company, Inc.  
1700 Lincoln Street, Suite 2050  
Denver, Colorado 80203

Golden Spike Inc.  
4010 Port Royal  
Dallas, Texas 75234

Nibs Meldrum  
1972 South Wasatch Drive  
Salt Lake City, Utah 84108

Howard Spencer  
1515 West 2250 South St  
West Valley City, Utah 84119

Re: Dirty Devil Unit  
Uintah County, Utah

Gentlemen:

We received a notice from Gerrity Oil and Gas Corporation of their intent to resign as unit operator of the Dirty Devil Unit effective June 1, 1996.

The resignation of unit operator will not become effective for a period of 6 months after notice of intention to resign has been served by the Unit Operator on all working interest owners. The latest notice of intention to resign as operator was received by a working interest owner on August 28, 1996. The resignation will become effective February 28, 1997. In accordance with Section 5 of the Dirty Devil Unit Agreement, "... until a successor of unit operator is

selected and approved as hereinafter provided, the working interest owners shall be jointly responsible for performance of the duties of Unit Operator, and shall no later than 30 days before such resignation or removal becomes effective appoint a common agent to represent them in any action to be taken hereunder.". Within 30 days of receipt of this notice please provide this office with the name of the common agent and a proposed time frame for when an approvable successor of unit operator can be submitted. Failure to respond to this notice within the specified time frame will result in termination of the unit in accordance with Section 6(b).

If you have any questions, please contact Teresa Thompson (801) 539-4047 or Mickey Coulthard (801) 539-4042.

Sincerely,

/s/ Robert A. Henricks

Robert A. Henricks  
Chief, Branch of Fluid Minerals

cc: Gerrity Oil & Gas Corporation  
Attn: Debra Allen-Wittke

cc: White River Enterprises, LLC.  
Attn: Steve Fillingham

bcc: District Manager - Vernal  
~~Division Oil Gas & Mining~~  
File - Dirty Devil Unit  
Agr. Sec. Chron  
Fluid Chron

UT931:TAThompson:tt:02-12-97



# United States Department of the Interior

## BUREAU OF LAND MANAGEMENT

Utah State Office  
P.O. Box 45155  
Salt Lake City, UT 84145-0155

IN REPLY REFER TO  
UT-931

April 4, 1997

Lone Mountain Production Company  
Attn: Carolyn George  
P.O. Box 3394  
Billings, Montana 59103-3394

Gerrity Oil & Gas Corporation  
Attn: Debra Allen-Wittke  
1625 Broadway, Suite 2000  
Denver, Colorado 80202

Wildhorse Oil and Gas  
c/o James Drollinger  
Drollinger, Judd, Winward  
363 E. Main Street  
Vernal, Utah 84078

Hiko Bell Mining & Oil Company  
Attn: Robert E. Covington  
P.O. Box 1845  
Vernal, Utah 84078

Yates Petroleum Corporation  
Attn: Janet Richardson  
P.O. Box 1395  
Artesia, New Mexico 88210

Snyder Oil Corporation  
Attn: Paul Brooke  
1625 Broadway, Suite 2050  
Denver, Colorado 80202

Ancor No. II Ptr., Ltd.  
8571 South Taos Circle  
Sandy, Utah 84092

Key Production Company, Inc.  
1700 Lincoln Street, Suite 2050  
Denver, Colorado 80203

Golden Spike Inc.  
4010 Port Royal  
Dallas, Texas 75234

Nibs Meldrum  
1972 South Wasatch Drive  
Salt Lake City, Utah 84108

Howard Spencer  
1515 West 2250 South Street  
West Valley City, Utah 84119

White River Enterprises, LLC.  
Attn: Steve Fillingham  
410 17th street, Suite 925  
Denver, Colorado 80202

Re: Dirty Devil Unit  
Uintah County, Utah

Gentlemen:

The Dirty Devil Unit, Uintah County, Utah, automatically terminated effective March 21, 1997, in accordance with Section 6(b) of the Dirty Devil Unit Agreement.

The termination is based on the failure of the Working Interest Owners within the Dirty Devil Unit to appoint a common agent to represent them as outlined in our letter of February 12, 1997. All wells within the terminated Dirty Devil Unit will be reported on a lease basis. Well No. 22-27, SE¼NW¼ Section 27, Township 9 South, Range 24 East will report to Lease No. UTSL071725C, Well No. 41-9, NE¼NE¼ Section 9, Township 9 South, Range 24 East will report to Lease No. UTU5217 and Well No. 1-18, NW¼NE¼ Section 18, Township 9 South, Range 24 East will report to Lease No. UTU0145459.

Please advise all interested parties of the termination of the Dirty Devil Unit, Uintah County, Utah and the effective date.

Sincerely,

/s/ Robert A. Henricks

Robert A. Henricks  
Chief, Branch of Fluid Minerals

bcc: DM - Vernal

~~DDU~~

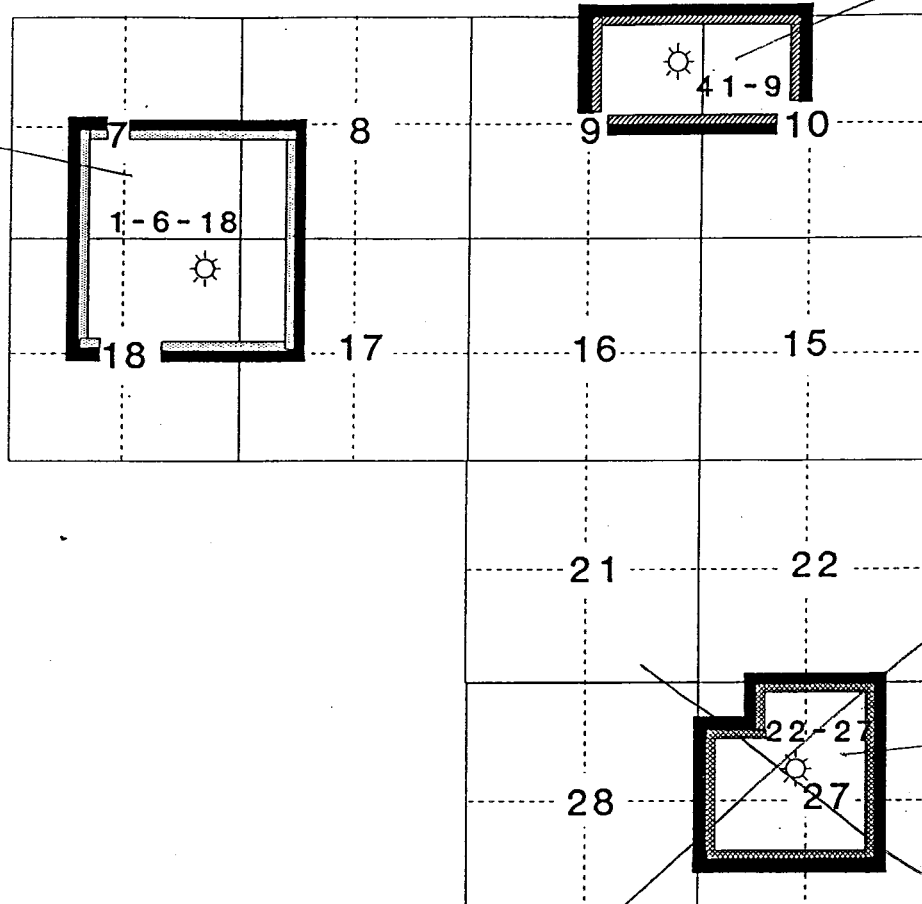
Dirty Devil Unit File  
Minerals Adjudication Group  
MMS-RMP Reference Data Branch  
Trust Lands Administration  
Agr. Sec. Chron.  
Fluid Chron

UT931:TAThompson:tt:04/04/1997



# DIRTY DEVIL UNIT

## Uintah County, Utah



24E

- UNIT OUTLINE (UTU63093X)
- WASATCH PA
- WASATCH PA "B"
- WASATCH "C"

AS CONTRACTED JANUARY 15, 1992

1,280.00 ACRES

WASATCH PA  
ALLOCATION  
FEDERAL 100.00%  
320.00 Acres

WASATCH PA "B"  
ALLOCATION  
FEDERAL 100.00%  
320.00 Acres

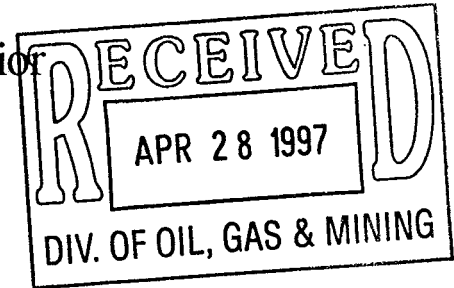
WASATCH PA "C"  
ALLOCATION  
FEDERAL 100.00%  
640.00 Acres



United States Department of the Interior

BUREAU OF LAND MANAGEMENT

Utah State Office  
P.O. Box 45155  
Salt Lake City, UT 84145-0155



In Reply Refer To:

3100

UTU-61566 et al

(UT-932)

APR 23 1997

NOTICE

Patina Oil & Gas Corporation  
1625 Broadway, Suite 2000  
Denver, Colorado 80202

:  
:  
:

Oil and Gas

Merger Recognized

Acceptable evidence has been filed in this office concerning the merger of Gerrity Oil & Gas Corporation into Patina Oil & Gas Corporation with Patina Oil & Gas Corporation being the surviving entity.

For our purposes, the merger is recognized effective April 1, 1997, the date the Secretary of State of Delaware certified the merger.

The oil and gas lease files identified on the enclosed exhibit have been noted as to the merger. We are notifying the Minerals Management Service and all applicable Bureau of Land Management offices of the change by a copy of this notice. If additional documentation for changes of operator are required by our Field Offices, you will be contacted by them.

By recognition of the merger, the principal/obligor is automatically changed by operation of law from Gerrity Oil & Gas Corporation to Patina Oil & Gas Corporation on Bond No. 610 2086013 (BLM Bond No. UT1014).

ROBERT LOPEZ

Group Leader,  
Minerals Adjudication Group

Enclosure

Exhibit of Leases

cc: Colorado State Office  
Wyoming State Office  
Moab District Office  
Vernal District Office  
MMS-Reference Data Branch, MS 3130, Box 5860, Denver, CO 80217  
State of Utah, DOGM, Attn: Lisha Cordova (Ste. 1210), Box 145801, SLC, UT 84114-5801

Exhibit of Affected Leases

U-61396 (ORRI)

U-61566

U-63150

UTU-64906

UTU-64907

UTU-64908

UTU-64911

UTU-64912

UTU-65485

UTU-65771

UTU-65777

UTU-66014

UTU-66406 (ORRI)

UTU-66416 (ORRI)

UTU-66418 (ORRI)

UTU-66419 (ORRI)

UTU-66420 (ORRI)

UTU-66421 (ORRI)

UTU-66473

UTU-67844

UTU-69023

UTU-73905

UTU-73908

UTU-73918 (ORRI)

UTU-73919 (ORRI)

UTU-73920 (ORRI)

UTU-73921 (ORRI)

UTU-73922 (ORRI)

UTU-74394

UTU-74401

UTU-74402

UTU-74408

UTU-74424

UTU-74426

UTU-74457

UTU-74480 (ORRI)

UTU-74481 (ORRI)

UTU-74830

UTU-74832

UTU-74833

UTU-74834

UTU-74836

UTU-74967

UTU-74974 (ORRI)

UTU-75076

UTU-75079

UTU-75080

UTU-75081

UTU-75082

UTU-75083

UTU-75084

UTU-75085

UTU-75086

UTU-75087

UTU-75088

UTU-75098 (ORRI)

UTU-75104 (ORRI)

UTU-75118 (ORRI)

UTU-75119 (ORRI)

UTU-75120 (ORRI)

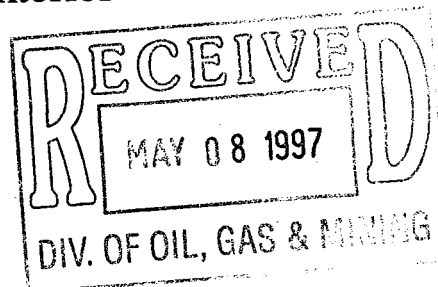
UTU-75121 (ORRI)



# United States Department of the Interior

## BUREAU OF LAND MANAGEMENT

Utah State Office  
P.O. Box 45155  
Salt Lake City, UT 84145-0155



In Reply Refer To:  
3100  
SL-071725C  
U-0145459  
U-5217  
(UT-932)

MAY 7 1997

### NOTICE

Patina Oil & Gas Corporation  
1625 Broadway, Suite 2000  
Denver, Colorado 80202

:  
:  
:

Oil and Gas

### Notice of Merger Recognized Amended

By notice, dated April 23, 1997, this office recognized the merger of Gerrity Oil & Gas Corporation into Patina Oil & Gas Corporation with Patina Oil & Gas Corporation being the surviving entity.

The exhibit of leases noted to be affected by the merger is hereby amended to include the following oil and gas leases: SL-071725C, U-0145459, and U-5217.

Gerrity is listed as a well operator on the aforementioned leases.

**ROBERT LOPEZ**

Group Leader,  
Minerals Adjudication Group

cc: Vernal Field Office  
MMS-Reference Data Branch, MS3130, Box 5860, Denver, Colorado 80217  
State of Utah, DOGM, Attn: Lisha Cordova (Ste. 1210), Box 145801, SLC, UT 84114

**LONE MOUNTAIN PRODUCTION COMPANY**

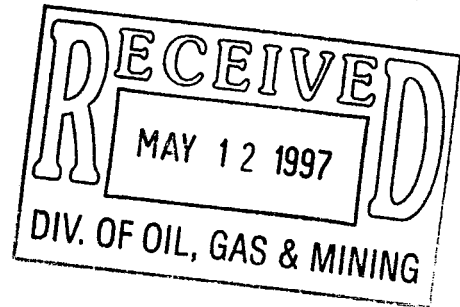
Mailing Address:  
P.O. Box 3394  
Billings, MT 59103-3394

(406) 245-5077  
FAX 248-6321

Shipping Address:  
100 North 27th Street  
Suite 650  
Billings, MT 59101

May 9, 1997

Utah Division of Oil, Gas and Mining  
1594 West North Temple, Suite 1210  
P. O. Box 145801  
Salt Lake City, Utah 84114-5801



RE: CHANGE OF OPERATOR SUNDRY NOTICES  
UINTAH COUNTY, UTAH

Gentlemen:

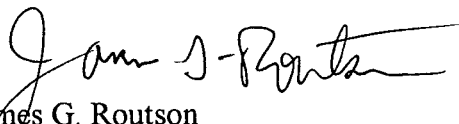
Enclosed in duplicate are Sundry Notices for two wells on BLM lands for which Lone Mountain Production Company has assumed operations effective March 3, 1997 with the termination of the Dirty Devil Unit.

Please contact Joe Dyk in our Grand Junction office in regard to field operations. Day to day operations will be handled by Dick White, who is based in Rangely, Colorado. He can be reached at (970) 675-2418 (home) or (801) 790-5418 (cell phone).

If further information is needed please advise.

Sincerely,

LONE MOUNTAIN PRODUCTION COMPANY

  
James G. Routson  
President

Enclosures

cc: Joe Dyk

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUBMIT IN  
TRIPLICATE\*  
(Other Instructions on  
reverse side)

Form Approved  
Budget Bureau No. 1004-0135  
Expires : March 31, 1993

<b>SUNDRY NOTICES AND REPORTS ON WELLS</b> Do not use this form for proposals to drill or to deepen or reentry to a different reservoir. Use "APPLICATION FOR PERMIT--" for such proposals <b>SUBMIT IN TRIPLICATE</b>		5. LEASE DESIGNATION AND SERIAL NO. <b>U-5217</b>
		6. IF INDIAN, ALLOTTEE OR TRIBE NAME
		7. IF UNIT OR CA, AGREEMENT DESIGNATION
b. TYPE OF WELL OIL <input type="checkbox"/> Gas <input type="checkbox"/> SINGLE ZONE <input type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/> WELL <input type="checkbox"/> WELL X <input checked="" type="checkbox"/> OTHER <input type="checkbox"/> ZONE <input type="checkbox"/> ZONE <input type="checkbox"/>		8. WELL NAME and No. <b>Federal No. 41-09</b>
2. NAME OF OPERATOR <b>Lone Mountain Production Company</b>		9. API WELL NO. <b>43-047-30339</b>
3. ADDRESS OF OPERATOR <b>P. O. Box 3394, Billings, Montana 59103 (406) 245-5077</b>		10. Field and Pool, or Exploratory Area <b>Wildcat</b>
4. LOCATION OF WELL (Footage, Sec. T., R., M., or Survey Description) <b>479' FNL, 850' FEL Section 9-T9S-R24E (NENE)</b>		11. County or Parish, State <b>Uintah County, Utah</b>

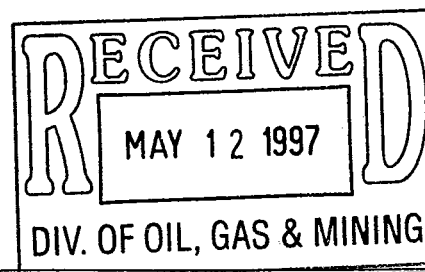
12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		
TYPE OF SUBMISSION	TYPE OF ACTION	
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Abandonment	<input type="checkbox"/> Change of Plans
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Recompletion	<input type="checkbox"/> New Construction
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Plugging Back	<input type="checkbox"/> Non-Routine Fracturing
	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> Water Shut-Off
	<input type="checkbox"/> Altering Casing	<input type="checkbox"/> Conversion to Injection
	<input checked="" type="checkbox"/> Other <u>Change of Operator</u>	<input type="checkbox"/> Dispose of Water
		(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log Form)

13. Describe the Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If a well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

Lone Mountain Production Company assumed operations of the above referenced well effective March 3, 1997 with the termination of the Dirty Devil Unit.

Bond coverage is provided by Lone Mountain's Statewide Oil & Gas BLM Bond No. UT0719.

Field Operations will be handled by our Grand Junction office.



14. I hereby certify that the foregoing is true and correct.

Signed: James S. Routh Title: **President**  
(This space for Federal or State office use)

Date: May 9, 1997

APPROVED BY: \_\_\_\_\_ TITLE: \_\_\_\_\_ DATE: \_\_\_\_\_  
CONDITIONS OF APPROVAL IF ANY

Title 18 U.S.C. Section 1001, make it a crime for any person knowingly and willfully to make any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

\*See Instructions of Reverse Side



State of Utah  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

Michael O. Leavitt  
Governor  
Ted Stewart  
Executive Director  
James W. Carter  
Division Director

1594 West North Temple, Suite 1210  
Box 145801  
Salt Lake City, Utah 84114-5801  
801-538-5340  
801-359-3940 (Fax)  
801-538-7223 (TDD)

June 3, 1997

Jennifer Carter  
Patina Oil & Gas Corporation  
1625 Broadway, Suite 2000  
Denver, Colorado 80202

Re: Merger of Gerrity Oil & Gas Corporation into Patina Oil & Gas Corporation with Patina Oil & Gas Corporation being the surviving entity.

Dear Ms. Carter:

In reviewing the merger for the referenced companies, it was determined that Patina Oil & Gas Corporation is not currently registered with the Utah Department of Commerce. This letter is written to advise you of your responsibility to register your company with the state prior to conducting business within Utah. This can be accomplished by contacting:

Department of Commerce  
Division of Corporations  
160 East 300 South  
Salt Lake City, Utah 84111  
(801)530-4849

Sincerely,

Lisha Cordova  
Admin. Analyst

cc: Department of Commerce  
D. T. Staley  
Associate Director  
Operator File(s)

## OPERATOR CHANGE WORKSHEET

Attach all documentation received by the division regarding this change.

Initial each listed item when completed. Write N/A if item is not applicable.

1- <del>GLH</del>	6- <del>HR</del>
2- <del>GLH</del>	7-KAS ✓
3-DTS ✓	8-SI ✓
4-VLD ✓	9-FILE ✓
5-JRB ✓	

~~XXXX~~ Change of Operator (well sold)☐ Designation of Agent☐ Designation of Operator~~XXXX~~ Operator Name Change OnlyThe operator of the well(s) listed below has changed, effective: 4-1-97 (MERGER)

TO: (new operator) PATINA OIL & GAS CORP.  
 (address) 1625 BROADWAY STE 2000  
DENVER CO 80202  
JENNIFER CARTER  
 Phone: (303) 389-3600  
 Account no. N5580 (6-3-97)

FROM: (old operator) GERRITY OIL & GAS CORP.  
 (address) 1625 BROADWAY STE 2000  
DENVER CO 80202-4720  
JENNIFER CARTER  
 Phone: (303) 389-3600  
 Account no. N6355

WELL(S) attach additional page if needed:

Name: <u>DEVILS PLAYGROUND 41-9</u>	API: <u>43-047-30339</u>	Entity: <u>6195</u>	S	<u>9</u>	T	<u>9S</u>	R	<u>24E</u>	Lease: <u>U5217</u>
Name: <u>RED WASH FED 1-18</u>	API: <u>43-047-30124</u>	Entity: <u>6200</u>	S	<u>18</u>	T	<u>9S</u>	R	<u>24E</u>	Lease: <u>U0145459</u>
Name: <u>DIRTY DEVIL 22-27</u>	API: <u>43-047-31507</u>	Entity: <u>9585</u>	S	<u>27</u>	T	<u>9S</u>	R	<u>24E</u>	Lease: <u>SL071725C</u>
Name: <u>UTD WALTON 26-3/DRL</u>	API: <u>43-013-31477</u>	Entity: <u>99999</u>	S	<u>26</u>	T	<u>9S</u>	R	<u>16E</u>	Lease: <u>UTU67844</u>
Name: _____	API: _____	Entity: _____	S	_____	T	_____	R	_____	Lease: _____
Name: _____	API: _____	Entity: _____	S	_____	T	_____	R	_____	Lease: _____
Name: _____	API: _____	Entity: _____	S	_____	T	_____	R	_____	Lease: _____

## OPERATOR CHANGE DOCUMENTATION

- ☒ 1. (r649-8-10) Sundry or other legal documentation has been received from the **FORMER** operator (attach to this form). *See BLM letters 4-23-97 & 5-7-97.*
- ☒ 2. (r649-8-10) Sundry or other legal documentation has been received from the **NEW** operator (Attach to this form).
- ☒ 3. The **Department of Commerce** has been contacted if the new operator above is not currently operating any wells in Utah. Is the company **registered with the state?** (yes/no) no If yes, show company file number: Letter mailed 6-3-97. (See attached)
- ☒ 4. **FOR INDIAN AND FEDERAL WELLS ONLY.** The BLM has been contacted regarding this change. Make note of BLM status in comments section of this form. BLM approval of **Federal** and **Indian** well operator changes should ordinarily take place prior to the division's approval, and before the completion of **steps 5 through 9** below.
- ☒ 5. Changes have been entered in the **Oil and Gas Information System** (3270) for each well listed above. *(6-6-97)*
- ☒ 6. **Cardex** file has been updated for each well listed above. *(6-6-97)*
- ☒ 7. Well **file labels** have been updated for each well listed above. *(6-6-97)*
- ☒ 8. Changes have been included on the monthly "Operator, Address, and Account Changes" **memo** for distribution to Trust Lands, Sovereign Lands, UGS, Tax Commission, etc. *(6-6-97)*
- ☒ 9. A folder has been set up for the **Operator Change file**, and a copy of this page has been placed there for reference during routing and processing of the original documents.



## ENTITY REVIEW

- Yes 1. (r649-8-7) Entity assignments have been reviewed for all wells listed above. Were entity changes made? (yes/no) no If entity assignments were changed, attach copies of Form 6, Entity Action Form.
- N/A 2. Trust Lands, Sovereign Lands, Tax Commission, etc., have been notified through normal procedures of entity changes.

## BOND VERIFICATION - (FEE WELLS ONLY)

- N/A 1. (r649-3-1) The NEW operator of any fee lease well listed above has furnished a proper bond.
- Yes 2. A copy of this form has been placed in the new and former operator's bond files.
3. The FORMER operator has requested a release of liability from their bond (yes/no)   , as of today's date   . If yes, division response was made to this request by letter dated   .

## LEASE INTEREST OWNER NOTIFICATION OF RESPONSIBILITY

- N/A 1. Copies of documents have been sent on    to    at Trust Lands for changes involving State leases, in order to remind that agency of their responsibility to review for proper bonding.
- Yes 2. (r649-2-10) The former operator of any fee lease wells listed above has been contacted and informed by letter dated    19   , of their responsibility to notify all interest owners of this change.

## FILMING

- Yes 1. All attachments to this form have been microfilmed. Today's date: 6-20-97.

## FILING

1. Copies of all attachments to this form have been filed in each well file.
2. The original of this form, and the original attachments are now being filed in the Operator Change file.

## COMMENTS

970606 BLM/SL Aprv. 4-23-97 & 5-2-97 & 4-1-97.



# United States Department of the Interior

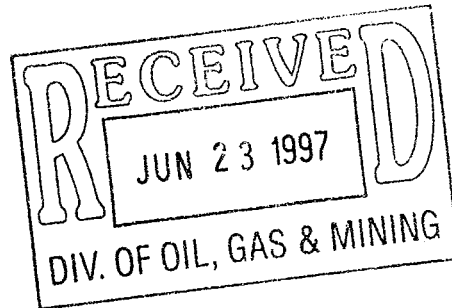
## BUREAU OF LAND MANAGEMENT

Vernal District Office  
170 South 500 East  
Vernal, Utah 84078-2799

Phone: (801) 781-4400  
Fax: (801) 781-4410

IN REPLY REFER TO:  
3162.3  
UT08300

June 10, 1997



Lone Mountain Production  
Attn: James G. Routson  
P O Box 3394  
Billings, MT 59013

Re: Well No. Federal 41-09 *43-047-30339*  
NENE, Sec. 9, T9S, R24E  
Lease U-5217  
Uintah County, Utah

Dear Mr. Routson:

This correspondence is in regard to the self-certification statement submitted requesting a change in operator for the referenced well. After a review by this office, the change in operator request is approved. Effective immediately, Lone Mountain Production is responsible for all operations performed on the referenced well. All liability will now fall under your bond, BLM Bond No. UT0719, for all operations conducted on the referenced well on the leased land.

If you have any other questions concerning this matter, please contact Margie Herrmann or Pat Sutton of this office at (801) 781-4400.

Sincerely,

Howard B. Cleavinger  
Assistant Field Manager,  
Minerals Resources

cc: ~~Division of Oil, Gas & Mining~~ /  
Gerrity Oil & Gas Corporation

## OPERATOR CHANGE WORKSHEET

Attach all documentation received by the division regarding this change.

Initial each listed item when completed. Write N/A if item is not applicable.

Routing	
1-VLC	6-1-97
2-GLH	7-KAS
3-BTS	8-SI
4-VLD 7-7-97	9-FILE
5-JRB 7/0	

☒ Change of Operator (well sold)☐ Designation of Agent☐ Designation of Operator☐ Operator Name Change OnlyThe operator of the well(s) listed below has changed, effective: 3-3-97

TO: (new operator) LONE MTN PRODUCTION CO  
 (address) PO BOX 3394  
BILLINGS MT 59103-3394  
JAMES ROUTSON  
 Phone: (406) 245-5077  
 Account no. N7210

FROM: (old operator)  
 (address)

(FORMERLY GERRITY O&G)  
**PATINA OIL & GAS CORP.**  
1625 BROADWAY STE 2000  
DENVER CO 80202  
JENNIFER CARTER  
 Phone: (303) 389-3600  
 Account no. N5580

WELL(S) attach additional page if needed:

Name: <u>DEVILS PLAYGROUND 41-9</u>	API: <u>43-047-30339</u>	Entity: <u>6195</u>	S	<u>9</u>	T	<u>9S</u>	R	<u>24E</u>	Lease: <u>U5217</u>
Name: <u>RED WASH FED 1-18</u>	API: <u>43-047-30124</u>	Entity: <u>6200</u>	S	<u>18</u>	T	<u>9S</u>	R	<u>24E</u>	Lease: <u>U0145459</u>
Name: _____	API: _____	Entity: _____	S	_____	T	_____	R	_____	Lease: _____
Name: _____	API: _____	Entity: _____	S	_____	T	_____	R	_____	Lease: _____
Name: _____	API: _____	Entity: _____	S	_____	T	_____	R	_____	Lease: _____
Name: _____	API: _____	Entity: _____	S	_____	T	_____	R	_____	Lease: _____
Name: _____	API: _____	Entity: _____	S	_____	T	_____	R	_____	Lease: _____

## OPERATOR CHANGE DOCUMENTATION

- Lec 1. (r649-8-10) Sundry or other legal documentation has been received from the **FORMER** operator (attach to this form). (7-26-96)
- Lec 2. (r649-8-10) Sundry or other legal documentation has been received from the **NEW** operator (Attach to this form). (7-26-96 & 5-12-97)
- N/A 3. The **Department of Commerce** has been contacted if the new operator above is not currently operating any wells in Utah. Is the company **registered with the state?** (yes/no) \_\_\_\_ If yes, show company file number: \_\_\_\_\_
- Lec 4. **FOR INDIAN AND FEDERAL WELLS ONLY.** The BLM has been contacted regarding this change. Make note of BLM status in comments section of this form. BLM approval of **Federal** and **Indian** well operator changes should ordinarily take place prior to the division's approval, and before the completion of **steps 5 through 9** below.
- Lec 5. Changes have been entered in the **Oil and Gas Information System** (3270) for each well listed above. (7-1-97)
- Lec 6. **Cardex** file has been updated for each well listed above. (7-1-97)
- Lec 7. Well **file labels** have been updated for each well listed above. (7-1-97)
- Lec 8. Changes have been included on the monthly "Operator, Address, and Account Changes" **memo** for distribution to Trust Lands, Sovereign Lands, UGS, Tax Commission, etc. (7-1-97)
- Lec 9. A folder has been set up for the **Operator Change file**, and a copy of this page has been placed there for **reference during routing and processing of the original documents.**

## ENTITY REVIEW

- Y 1. (r649-8-7) Entity assignments have been reviewed for all wells listed above. Were entity changes made? (yes/no) no If entity assignments were changed, attach copies of Form 6, Entity Action Form.
- N/A 2. Trust Lands, Sovereign Lands, Tax Commission, etc., have been **notified** through normal procedures of entity changes.

## BOND VERIFICATION - (FEE WELLS ONLY)

- N/A 1. (r649-3-1) The **NEW** operator of any fee lease well listed above has furnished a proper bond.
- Y 2. A **copy of this form** has been placed in the new and former operator's bond files.
3. The **FORMER** operator has requested a release of liability from their bond (yes/no)   , as of today's date   . If yes, division response was made to this request by letter dated   .

## LEASE INTEREST OWNER NOTIFICATION OF RESPONSIBILITY

- N/A 1. Copies of documents have been sent on    to    at Trust Lands for changes involving State leases, in order to remind that agency of their responsibility to review for proper bonding.
- N/A 2. (r649-2-10) The former operator of any fee lease wells listed above has been contacted and informed by letter dated    19   , of their responsibility to notify all interest owners of this change.

## FILMING

- Y 1. All attachments to this form have been **microfilmed**. Today's date: 7-9-97.

## FILING

1. **Copies** of all attachments to this form have been filed in each **well file**.
2. The **original of this form**, and the **original attachments** are now being filed in the Operator Change file.

## COMMENTS

970606 Blm/Vernal Not Appr. yet.  
970701 Blm Appr. 6-10-97.

# LONE MOUNTAIN PRODUCTION COMPANY

Mailing Address:  
P.O. Box 80965  
Billings, MT 59108-0965

(406) 245-5077  
FAX 248-6321

Shipping Address:  
1911 King Avenue West  
Billings, MT 59102

December 23, 2002

RECEIVED

DEC 26 2002

DIV. OF OIL, GAS & MINING

State of Utah  
Division of Oil, Gas & Mining  
1594 West North Temple, Suite 1210  
P. O. Box 145801  
Salt Lake City, Utah 84114-5801

Attn: Jim Thompson

RE: RESIGNATION OF OPERATOR  
VARIOUS WELLS  
UINTAH COUNTY, UTAH

Dear Jim:

Please be advised Lone Mountain Production Company resigns as Operator of the following wells in Uintah County, Utah, effective December 1, 2002.

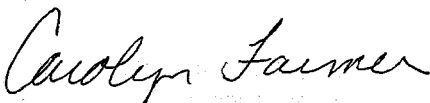
Federal #41-9 ✓	43-047-30339	NE NE Section 9: T9S-R24E
State #31-15A	43-047-31726	NW NE Section 15: T9S-R24E
Federal #23-17 ✓	43-047-30568	NE SW Section 17: T9S-R24E
Federal #1-18 ✓	43-047-30124	NW NE Section 18: T9S-R24E
Federal #23-20 ✓	43-047-31009	NE SW Section 20: T9S-R24E
State #11-29	43-047-31617	NW NW Section 29: T9S-R24E

All future correspondence should be directed to Byron R. Woodard, Dark Horse Exploration, Inc., P. O. Box 2153, Evanston, Wyoming 82931-2153. His phone number is (307) 789-1052.

Should you have any questions or need further information, please contact our office at (406) 245-5077.

Sincerely,

LONE MOUNTAIN PRODUCTION COMPANY



Carolyn (George) Farmer  
Land Department



# United States Department of the Interior

## BUREAU OF LAND MANAGEMENT

Vernal Field Office

170 South 500 East

Vernal, Utah 84078-2799

<http://www.blm.gov/utah/vernal>

Phone: (435) 781-4400

Fax: (435) 781-4410

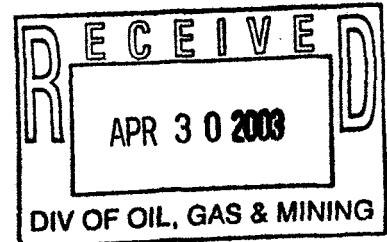
IN REPLY REFER TO:

3162.3

UT08300

April 14, 2003

Byron R. Woodard  
Dark Horse Exploration, Inc.  
P. O. Box 2153  
Evanston, Wyoming 82931-2153



Re:	Wells: Federal 41-9 ✓ NENE, Sec. 9, T9S, R24E Uintah County, Utah Lease No. U-5217	Red Wash Fed. 1-18 ✓ NWNE, Sec. 18, T9S, R24E Uintah County, Utah Lease No. U-0145459
	Federal 23-17 ✓ NESW, Sec. 17, T9S, R24E Uintah County, Utah Lease No. U-31266	Federal 23-20 ✓ NESW, Sec. 20, T9S, R24E Uintah County, Utah Lease No. U-31266

Dear Mr. Woodard:

This correspondence is in regard to the self-certification statement submitted requesting a change in operator for the referenced wells. After a review by this office, the change in operator request is approved. Effective immediately, Dark Horse Exploration, Inc. is responsible for all operations performed on the referenced wells. All liability will now fall under your bond, BLM Bond No. UTB000013, for all operations conducted on the referenced wells on the leased land.

If you have any other questions concerning this matter, please contact Leslie Walker of this office at (435) 781-4497.

Sincerely,

Kirk Fleetwood  
Petroleum Engineer

cc: UDOGM – Jim Thompson

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUBMIT IN  
TRIPLICATE\*  
(Other Instructions on  
reverse side)

Form Approved.  
Budget Bureau No. 1004-0135  
Expires : March 31, 1993

<b>SUNDRY NOTICES AND REPORTS ON WELLS</b> Do not use this form for proposals to drill or to deepen or reentry to a different reservoir. Use "APPLICATION FOR PERMIT-" for such proposals <b>SUBMIT IN TRIPLICATE</b>		5. LEASE DESIGNATION AND SERIAL NO. <b>UTU-5217</b>
		6. IF INDIAN, ALLOTEE OR TRIBE NAME
		7. IF UNIT OR CA, AGREEMENT DESIGNATION
b. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/> SINGLE ZONE <input type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>		8. WELL NAME and No. <b>Federal No. 41-9</b>
2. NAME OF OPERATOR <b>Dark Horse Exploration, Inc. N2330</b>		9. API WELL NO. <b>43-047-30339</b>
3. ADDRESS OF OPERATOR <b>P. O. Box 2153, Evanston, Wyoming 82931-2153</b>		10. Field and Pool, or Exploratory Area <b>Bonanza</b>
4. LOCATION OF WELL (Footage, Sec. T., R., M., or Survey Description) <b>479' FNL, 850' FEL Section 9-T9S-R24E (NENE)</b>		11. County or Parish, State <b>Uintah County, Utah</b>

12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		
TYPE OF SUBMISSION	TYPE OF ACTION	
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Abandonment	<input type="checkbox"/> Change of Plans
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Recompletion	<input type="checkbox"/> New Construction
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Plugging Back	<input type="checkbox"/> Non-Routine Fracturing
	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> Water Shut-Off
	<input type="checkbox"/> Altering Casing	<input type="checkbox"/> Conversion to Injection
	<input checked="" type="checkbox"/> Other <u>Change of Operator</u>	<input type="checkbox"/> Dispose of Water
		(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log Form)

13. Describe the Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If a well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

Dark Horse Exploration, Inc. has assumed operation of the above reference well, effective December 1, 2002. The former operator was Lone Mountain Production Company. *N7210*

Bond coverage is provided by Dark Horse Exploration's well bond # ~~0006~~ *UTB 000013*

14. I hereby certify that the foregoing is true and correct.

Signed: *Byron R. Woodard*  
Byron R. Woodard

Title: President

Date: *12-15-02*

(This space for Federal or State office use)

APPROVED BY: \_\_\_\_\_  
CONDITIONS OF APPROVAL IF ANY

TITLE: \_\_\_\_\_

DATE: \_\_\_\_\_

Title 18 U.S.C. Section 1001, make it a crime for any person knowingly and willfully to make any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

\*See Instructions of Reverse Side

*6195 P*  
APR 28 2003

## OPERATOR CHANGE WORKSHEET

1. GLH
2. CDW
3. FILE

### Designation of Agent/Operator

## Merger

**12/1/2002**

Account No. N2330

**Unit:**

[illegible]

4. Is the new operator registered in the State of Utah: YES Business Number: 5257650-0143

g



5. If **NO**, the operator was contacted on: \_\_\_\_\_

6. (R649-9-2)Waste Management Plan has been received on: IN PLACE

7. **Federal and Indian Lease Wells:** The BLM and or the BIA has approved the merger, name change, or operator change for all wells listed on Federal or Indian leases on: BLM 4/14/2003 BIA

8. **Federal and Indian Units:**

The BLM or BIA has approved the successor of unit operator for wells listed on: n/a

9. **Federal and Indian Communization Agreements ("CA"):**

The BLM or BIA has approved the operator for all wells listed within a CA on: n/a

10. **Underground Injection Control ("UIC")** The Division has approved UIC Form 5, **Transfer of Authority to Inject**, for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: N/A

**DATA ENTRY:**

1. Changes entered in the Oil and Gas Database on: 7/31/2003

2. Changes have been entered on the Monthly Operator Change Spread Sheet on: 7/31/2003

3. Bond information entered in RBDMS on: N/A

4. Fee wells attached to bond in RBDMS on: N/A

**STATE WELL(S) BOND VERIFICATION:**

1. State well(s) covered by Bond Number: n/a

**FEDERAL WELL(S) BOND VERIFICATION:**

1. Federal well(s) covered by Bond Number: UTB000013

**INDIAN WELL(S) BOND VERIFICATION:**

1. Indian well(s) covered by Bond Number: n/a

**FEE WELL(S) BOND VERIFICATION:**

1. (R649-3-1) The **NEW** operator of any fee well(s) listed covered by Bond Number n/a

2. The **FORMER** operator has requested a release of liability from their bond on: N/A  
The Division sent response by letter on: N/A

**LEASE INTEREST OWNER NOTIFICATION:**

3. (R649-2-10) The **FORMER** operator of the fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: N/A

**COMMENTS:**

**STATE OF UTAH**  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

FORM 9

**SUNDRY NOTICES AND REPORTS ON WELLS**

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

5. LEASE DESIGNATION AND SERIAL NUMBER:  
**UTU-5217**

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT or CA AGREEMENT NAME:

8. WELL NAME and NUMBER:

**Dirty Devil No. 41-9**9. API NUMBER:  
**4304730339**

10. FIELD AND POOL, OR WILDCAT:

1. TYPE OF WELL

OIL WELL ☒GAS WELL ☐

OTHER \_\_\_\_\_

2. NAME OF OPERATOR:

**Thurston Energy Operating Company, LLC****N2790**

3. ADDRESS OF OPERATOR:

**PO Box 240**CITY **Vernal**STATE **UT**ZIP **84078**

PHONE NUMBER:

**(435) 789-2653**

4. LOCATION OF WELL

FOOTAGES AT SURFACE:

COUNTY: **Uintah**QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: **NENE 9 9S 24E**

STATE:

**UTAH**11. **CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA**

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> <b>NOTICE OF INTENT</b> (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input checked="" type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
<input type="checkbox"/> <b>SUBSEQUENT REPORT</b> (Submit Original Form Only) Date of work completion: _____	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> OTHER: _____
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Please be advised that Thurston Energy, LLC has named Thurston Energy Operating Company, LLC as operator of record to replace Dark Horse Exploration, Inc. and that Thurston Energy Operating Company, LLC are considered to be operator of the well effective June 15, 2005; and is responsible under the terms and conditions of the lease for the operations conducted upon the leased lands.

Bond coverage is provided by Thurston Energy Operating Company's statewide oil and gas bond #UTB-000181.

**Dark Horse Exploration, Inc N2330**

NAME (PLEASE PRINT) **Ralph Curton, Jr.**TITLE **President**

SIGNATURE

DATE **6/14/2005**

(This space for State use only)

**RECEIVED****JUN 14 2005**

DIV. OF OIL, GAS &amp; MINING

# THURSTON ENERGY OPERATING COMPANY, LLC

## SELF-CERTIFICATION STATEMENT

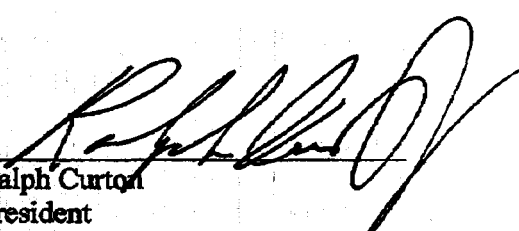
The following self-certification statement is provided per Federal requirements dated June 15, 1988.

Please be advised that Thurston Energy, LLC has named Thurston Energy Operating Company, LLC as operator of record to replace Dark Horse Exploration, Inc. and that Thurston Energy Operating Company, LLC are considered to be the operator of the following well effective June 15, 2005.

Dirty Devil No. 41-9  
NE ¼, NE ¼, Section 9, T9S, R24E  
Lease UTU-5217  
Uintah County, Utah

Thurston Energy Operating Company, LLC is responsible under the terms and conditions of the lease for the operations conducted upon the lease lands.

Bond coverage is provided by Thurston Energy Operating Company's statewide oil and gas bond. Due to computer problems at the State BLM Office, a bond number has not been assigned to the operator. A bond is in place and can be confirmed by the attached approval statement or by contacting the State Office.



Ralph Curton  
President

Thurston Energy Operating Company, LLC  
PO Box 240  
Vernal, UT 84078  
(214) 704-3896 Cell  
(214) 849-5501 Fax  
rcurton@att.net

PO BOX 240  
VERNAL, UT 84078

RECEIVED

JUN 14 2005

DIV. OF OIL, GAS & MINING

Dear Arleen Russell

Dark Horse Exploration is the Lease holder for 31-15A and 11-29 located south of Vernal Utah. We do not agree to change Operator ship to anyone.

As for are Federal leases 1-18, 23-17, 23-20, and 41-9 located south of Vernal Utah. We do not agree to change operator ship to anyone.

Thank you,  
Byron R Woodard  
CEO  
Dark Horse Exploration Inc.

RECEIVED

JUN 14 2005



# United States Department of the Interior

## BUREAU OF LAND MANAGEMENT

Vernal Field Office

170 South 500 East

Vernal, UT 84078

(435) 781-4400 Fax: (435) 781-4410

<http://www.blm.gov/utah/vernal>



IN REPLY REFER TO:

3162.3

UT08300

July 25, 2005

RECEIVED

JUL 26 2005

Ralph Curton

Thurston Energy Operating Co., LLC

P. O. Box 240

Vernal, Utah 84078

DIV. OF OIL, GAS & MINING

Re: Wells: Federal 41-9  
NENE, Sec. 9, T9S, R24E  
Uintah County, Utah  
Lease No. U-5217

Red Wash Fed. 1-18  
NWNE, Sec. 18, T9S, R24E  
Uintah County, Utah  
Lease No. U-0145459

Federal 23-17  
NESW, Sec. 17, T9S, R24E  
Uintah County, Utah  
Lease No. U-31266

Federal 23-20  
NESW, Sec. 20, T9S, R24E  
Uintah County, Utah  
Lease No. U-31266

Dear Mr. Curton:

This correspondence is in regard to the sundry notice dated June 8, 2005 requesting a change in operator for the referenced wells. As you are well aware, the right to operate the referenced wells is a matter that is being disputed between Thurston Energy Operating Company, LLC (Thurston) and Dark Horse Exploration Inc. (Dark Horse). On June 24, 2005 this office received a letter from Dark Horse stating that they were opposed to the operator change. After a review by this office, it has been determined that the leases are owned equally by Thurston and Dark Horse.

In Harrison, Thomas D. 150 IBLA 001 (1999) the Interior Board of Land Appeals ruled that

"It is the Authorized Officers responsibility "to approve, inspect and regulate" onshore oil and gas operations with a view to "maximum ultimate recovery of oil and gas ..." 43 CFR 3161.2. When, as here, ownership of the lease is equally held, BLM has discretion to choose an operator that it deems best able to conduct operations in conformance with this policy".

After a review of the current conditions and statuses of the wells, and the status of OGRE reports submitted to the Minerals Management Service, the Authorized Officer has determined that a change of operator from Dark Horse to Thurston would best meet the objectives outlined in 43 CFR 3161.2

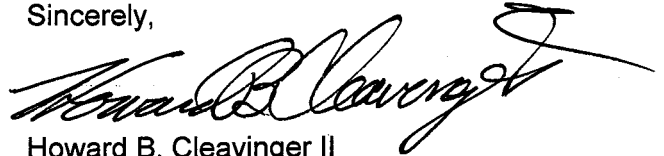
Effective immediately, Thurston Energy Operating Company, LLC is responsible for all operations performed on the referenced wells. All liability, will now fall under your bond, BLM Bond No. UTB000181, for all operations conducted on the referenced wells on the leased land.

Our records show that a right-of-way, UTU-71248 has been issued for the off lease portion of the pipeline to the subject well. Thurston Energy Operating Company, LLC to obtain the Bureau

of Land Management's approval for the use of this right-of-way, you must have this right-of-way assigned over to Thurston Energy Operating Company, LLC. Please contact Cindy McKee at 435-781-4434 for instructions on how to complete the assignment of the right-of-way.

If you have any other questions concerning this matter, please contact Kirk Fleetwood of this office at (435) 781-4486.

Sincerely,

A handwritten signature in black ink, appearing to read "Howard B. Cleavinger II". The signature is fluid and cursive, with a large, stylized initial "H" and a long, sweeping underline.

Howard B. Cleavinger II  
AFM Mineral Resources

cc: UDOGM  
Dark Horse Exploration Inc.



7. **Federal and Indian Lease Wells:** The BLM and or the BIA has approved the merger, name change, or operator change for all wells listed on Federal or Indian leases on: BLM 7/25/2005 BIA n/a

8. **Federal and Indian Units:**

The BLM or BIA has approved the successor of unit operator for wells listed on: 7/25/2005

9. **Federal and Indian Communization Agreements ("CA"):**

The BLM or BIA has approved the operator for all wells listed within a CA on: n/a

10. **Underground Injection Control ("UIC")** The Division has approved UIC Form 5, **Transfer of Authority to Inject**, for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: n/a

**DATA ENTRY:**

1. Changes entered in the **Oil and Gas Database** on: 7/29/2005
2. Changes have been entered on the **Monthly Operator Change Spread Sheet** on: 7/29/2005
3. Bond information entered in RBDMS on: n/a
4. Fee/State wells attached to bond in RBDMS on: n/a
5. Injection Projects to new operator in RBDMS on: n/a
6. Receipt of Acceptance of Drilling Procedures for APD/New on: n/a

**FEDERAL WELL(S) BOND VERIFICATION:**

1. Federal well(s) covered by Bond Number: UTB000181

**INDIAN WELL(S) BOND VERIFICATION:**

1. Indian well(s) covered by Bond Number: n/a

**FEE & STATE WELL(S) BOND VERIFICATION:**

1. (R649-3-1) The **NEW** operator of any fee well(s) listed covered by Bond Number n/a
2. The **FORMER** operator has requested a release of liability from their bond on: n/a  
The Division sent response by letter on:

**LEASE INTEREST OWNER NOTIFICATION:**

3. (R649-2-10) The **FORMER** operator of the fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: n/a

**COMMENTS:**

BLM approved operator change per rule 43 CFR 3161.2 "After a review by this office, it has been determined that the leases are owned equally by Thurston and Dark Horse. When, as here, **ownership of the lease is equally held**, BLM has discretion to choose an operator that it deems best able to conduct operations in conformance with this policy."



UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
Budget Bureau No. 1004-0135  
Expires: March 31, 1993

**SUNDRY NOTICES AND REPORTS ON WELLS**

Do not use this form for proposals to drill or to deepen or reenter a different reservoir.  
Use "APPLICATION FOR PERMIT -" for such proposals

5. Lease Designation and Serial No.

UTU-5217

6. If Indian, Allottee or Tribe Name

na

7. If Unit or CA, Agreement Designation

na

8. Well Name and No.

Dirty Devil No. 41-9

9. API Well No.

43-047-30339

10. Field and Pool, or Exploratory Area

11. County or Parish, State

Uintah Utah

**SUBMIT IN TRIPLICATE**

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

Thurston Energy Operating Company, LLC

3. Address and Telephone No.

PO Box 240, Vernal, UT 84078; (435) 789-2653

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

T9S, R24E S.L.M.

Section 9: NE 1/4, NE 1/4

12. CHECK APPROPRIATE BOX(es) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

**TYPE OF SUBMISSION**

☒ Notice of Intent  
☐ Subsequent Report  
☐ Final Abandonment Notice

**TYPE OF ACTION**

☐ Abandonment  
☐ Recompletion  
☐ Plugging Back  
☐ Casing Repair  
☐ Altering Casing  
☒ Other Change of operator  
☐ Change of Plans  
☐ New Construction  
☐ Non-Routine Fracturing  
☐ Water Shut-Off  
☐ Conversion to Injection  
☐ Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

Please be advised that Thurston Energy Operating Company, LLC is assuming operations of the Dirty Devil #41-9, NENE Section 9, Township 9 South, Range 24 East, Uintah County, Utah; and is responsible under the terms and conditions of the lease for the operations conducted upon the leased lands.

Bond coverage is provided by Thurston Energy Operating Company's statewide oil and gas bond. Due to computer problems at the State BLM Office, a bond number has not been assigned to the operator. A bond is in place and can be confirmed by the attached approval statement or by contacting the State Office. **State wide Bond # UTB-000181**

14. I hereby certify that the foregoing is true and correct

Signed

Title

President

Date

6/8/2005

(This space for Federal or State office use)

Approved by

Title

Petroleum Engineer

Date

7/25/05

Conditions of approval, if any:

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

**\*See Instructions on Reverse Side**

**RECEIVED**

**AUG 11 2005**

DIV. OF OIL, GAS & MINING

UDOGM

# THURSTON ENERGY OPERATING COMPANY, LLC

## SELF-CERTIFICATION STATEMENT

The following self-certification statement is provided per Federal requirements dated June 15, 1988.

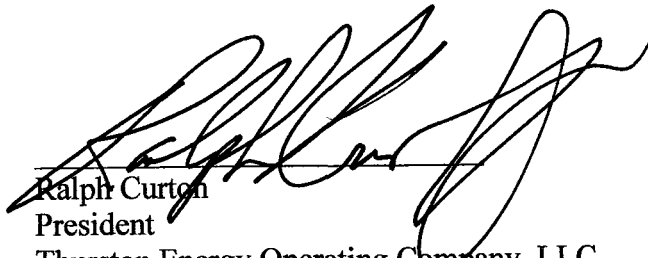
Please be advised that Thurston Energy Operating Company, LLC are considered to be the operator of the following well.

Dirty Devil No. 41-9  
NE ¼, NE ¼, Section 9, T9S, R24E  
Lease UTU-5217  
Uintah County, Utah

Thurston Energy Operating Company, LLC is responsible under the terms and conditions of the lease for the operations conducted upon the lease lands.

Bond coverage is provided by Thurston Energy Operating Company's statewide oil and gas bond. Due to computer problems at the State BLM Office, a bond number has not been assigned to the operator. A bond is in place and can be confirmed by the attached approval statement or by contacting the State Office.

State wide Bond #UTB-000181



Ralph Curton  
President  
Thurston Energy Operating Company, LLC  
PO Box 240  
Vernal, UT 84078  
(214) 704-3896 Cell  
(214) 849-5501 Fax  
rcurton@att.net



# United States Department of the Interior

## BUREAU OF LAND MANAGEMENT

Utah State Office

P.O. Box 45155

Salt Lake City, UT 84145-0155

<http://www.blm.gov>



### IN REPLY REFER TO:

3104

(U-922)

### DECISION

#### Obligors:

Thurston Energy, LLC  
Thurston Energy Operating Company, LLC  
Co-Principal  
2700 Patriot Boulevard, Suite 150  
Glenview, IL 60026

Bond Amount: \$25,000

Bond Type: Statewide Oil and Gas

BLM Bond No.: Separate Cover

#### Financial Institution:

Zions First National Bank  
3 West Main  
Vernal, Utah 84078

#### Statewide Oil and Gas Personal Bond and Certificate of Deposit Accepted

On May 23, 2005, our office received executed Bond Form 3000-4 together with a Time Deposit Account, Receipt No. 0269434502, in the amount of \$25,000 to secure a statewide oil and gas bond for the above obligors.

The Time Deposit will be retained by the Bureau of Land Management (BLM) and will automatically renew annually until all the terms and conditions of your Federal leases have been fulfilled or until a satisfactory replacement bond is accepted by BLM.

The bond will be maintained by this office. The bond constitutes coverage of all operations conducted by or on behalf of the obligor on Federal leases in the State of Utah. The bond provides coverage to the obligor where that obligor has interest in, and/or responsibility for operations on leases issued under the authority of any of the Acts cited on the bond form. Please note that Federal leases do not include Indian leases.

If you have any questions, please contact Connie Seare at (801) 539-4111.

Terry L. Catlin  
Acting Chief, Branch of Fluid Minerals



GARY R. HERBERT  
Governor

GREGORY S. BELL  
Lieutenant Governor

# State of Utah

## DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER  
Executive Director

### Division of Oil, Gas and Mining

JOHN R. BAZA  
Division Director

April 6, 2010

Certified Mail No.: 7004 1160 0003 0190 3959

Mr. Tom S. Salk  
Thurston Energy Operating  
4925 Greenville Avenue, Suite 900  
Dallas, TX 75206

43 047 30339  
Devils Playground 41-9  
9S 24E 9

Subject: Royalty Owner Complaint

Dear Mr. Salk:

As you are well aware, Mr. Garr Roberts filed a complaint with the Utah Division of Oil, Gas and Mining (the Division) on February 16, 2010, against Thurston Energy Operating (Thurston) for royalty payments he is due for production from the Red Wash 1-18, Devils Playground 41-9, Devils Playground 23-17, Dirty Devil Federal 23-20 and Dirty Devil Unit wells for the years 2005 and 2006.

A search of Division records verified Thurston reported production and sales for these wells for the subject time period.

I spoke with you regarding this matter on February 22, 2010. At your request, I sent you an e-mail detailing the complaint that also included a contact number for Mr. Roberts. The Division requested in the e-mail that Thurston resolve this royalty matter with Mr. Roberts.

I re-discussed this matter with you on March 23, 2010. You stated, at that time, someone from Thurston would contact Mr. Roberts to resolve this matter. In addition, you stated there were funds in suspense from the sales in 2005 and 2006.

Thurston is required by Utah Statute that oil and gas proceeds derived from the sale of production from any well producing oil or gas in the state shall be paid to any person legally entitled (40-6-9(1)(a)) and the payment shall be made directly to the person entitled to the payment by the payor (40-6-9(b)). Also, if accrued payments cannot be made within specified

Page 2

Thurston Energy Operating -- Royalty Complaint

April 6, 2010

time limits the payor shall deposit all oil and gas proceeds credited to the eventual oil and gas owner to an escrow account in a federally insured bank or savings and loan institution using a standard escrow document form (40-6-9(b)(i)) and the deposit shall earn interest at the highest rate being offered by that institution for the amount and term of similar demand deposits (40-6-9(b)(ii)).

As of today, Thurston has still not contacted Mr. Roberts to make a good faith effort to resolve his royalty complaint. I recommend Thurston contact Mr. Roberts as soon as possible to resolve this matter before the Division is forced to take further action.

Should you need assistance from the Division regarding this matter feel free to contact me at 801-538-5280 or [clintondworshak@utah.gov](mailto:clintondworshak@utah.gov).

Sincerely,



Clinton Dworshak  
Compliance Manager

CLD/js

cc: Mr. Garr Roberts  
Enforcement File  
Well Files

N:\O&G Reviewed Docs\ChronFile\Enforcement

<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		<b>FORM 9</b>			
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>  Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		<b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> U-5217			
<b>1. TYPE OF WELL</b> Gas Well		<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b>  			
<b>2. NAME OF OPERATOR:</b> THURSTON ENERGY OPERATING		<b>7. UNIT or CA AGREEMENT NAME:</b>  			
<b>3. ADDRESS OF OPERATOR:</b> 365 W. 50 N. Ste W-8 , Vernal, UT, 84078		<b>8. WELL NAME and NUMBER:</b> DEVILS PLAYGROUND 41-9			
<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 0479 FNL 0850 FEL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: NENE Section: 09 Township: 09.0S Range: 24.0E Meridian: S		<b>9. API NUMBER:</b> 43047303390000			
<b>9. FIELD and POOL or WILDCAT:</b> DEVILS PLAYGROUND		<b>COUNTY:</b> UTAH			
<b>STATE:</b> UTAH					
<b>11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA</b>					
<b>TYPE OF SUBMISSION</b>	<b>TYPE OF ACTION</b>				
<input checked="" type="checkbox"/> <b>NOTICE OF INTENT</b> Approximate date work will start: 6/28/2011  <input type="checkbox"/> <b>SUBSEQUENT REPORT</b> Date of Work Completion:  <input type="checkbox"/> <b>SPUD REPORT</b> Date of Spud:  <input type="checkbox"/> <b>DRILLING REPORT</b> Report Date:	<table style="width: 100%; border: none;"> <tr> <td style="width: 33%; vertical-align: top;"> <input type="checkbox"/> ACIDIZE  <input type="checkbox"/> CHANGE TO PREVIOUS PLANS  <input type="checkbox"/> CHANGE WELL STATUS  <input type="checkbox"/> DEEPEN  <input type="checkbox"/> OPERATOR CHANGE  <input type="checkbox"/> PRODUCTION START OR RESUME  <input type="checkbox"/> REPERFORATE CURRENT FORMATION  <input type="checkbox"/> TUBING REPAIR  <input type="checkbox"/> WATER SHUTOFF  <input type="checkbox"/> WILDCAT WELL DETERMINATION         </td> <td style="width: 33%; vertical-align: top;"> <input type="checkbox"/> ALTER CASING  <input type="checkbox"/> CHANGE TUBING  <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS  <input type="checkbox"/> FRACTURE TREAT  <input type="checkbox"/> PLUG AND ABANDON  <input type="checkbox"/> RECLAMATION OF WELL SITE  <input type="checkbox"/> SIDETRACK TO REPAIR WELL  <input type="checkbox"/> VENT OR FLARE  <input type="checkbox"/> SI TA STATUS EXTENSION  <input type="checkbox"/> OTHER         </td> <td style="width: 33%; vertical-align: top;"> <input type="checkbox"/> CASING REPAIR  <input type="checkbox"/> CHANGE WELL NAME  <input type="checkbox"/> CONVERT WELL TYPE  <input type="checkbox"/> NEW CONSTRUCTION  <input type="checkbox"/> PLUG BACK  <input checked="" type="checkbox"/> RECOMPLETE DIFFERENT FORMATION  <input type="checkbox"/> TEMPORARY ABANDON  <input type="checkbox"/> WATER DISPOSAL  <input type="checkbox"/> APD EXTENSION            OTHER: <input style="width: 100px;" type="text"/> </td> </tr> </table>		<input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> OTHER	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input checked="" type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION OTHER: <input style="width: 100px;" type="text"/>
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<b>12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.</b> Thurston Energy Operating Company requests your review and permission to plu back the Devil's Playground 41-9 to the Green River formation and change this well to an oil producer. See attached proposed procedure.					
		<b>Accepted by the          Utah Division of          Oil, Gas and Mining</b>  <b>Date:</b> 07/05/2011 <b>By:</b>			
<b>NAME (PLEASE PRINT)</b> Patti Cox		<b>PHONE NUMBER</b> 435 789-8580			
<b>SIGNATURE</b> N/A		<b>TITLE</b> Operations Manager			
		<b>DATE</b> 6/22/2011			



**The Utah Division of Oil, Gas, and Mining**

- State of Utah
- Department of Natural Resources

**Electronic Permitting System - Sundry Notices**

**Sundry Conditions of Approval Well Number 43047303390000**

**A minimum 100' cement plug should be in place for permanent plugback of the Wasatch formation (Board Cause No. 179-15).**

## **Thurston Energy Operating Company, LLC**

---

365 West 50 North Suite W-8 • Vernal, UT 84078 USA

Phone 435-789-8580 fax 435-789-8585

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### Workover Procedure for the Devil's Playground 41-9

June 14, 2011

Day 1: Move in workover rig, rig up, bleed off or kill well, POOH w/2 3/8" tubing. Rigup Cutters Wireline, RIH with gun. Perf 6' @ 4 SPF @ 3839' to 3845', POOH with wireline, rig down.

Day 2: RIH w/packer, set @ 3820'+/-, Rigup cementers for squeeze 30-35 sks. POOH SDFN

Day 3: RIH retrieve packer, POOH, laydown packer

Day 4: Rig up wireline f/cement bond log. Rig down, RIH, hang off N/D BOP, N/U wellhead, rig down, move off location

Day 5: Move in, rig up, N/D wellhead, N/U BOP, POOH, Rig up wire line to perf Green River formation. RDWL

Day 6: RIH w/packer. Set and break down w/15bbls 3% KCL, test & swab

Day 7: Unseat packer & POOH, LD packer, PU notch collar & perforated joint, Seat nipple and RIH w/2 3/8" tubing, hang off and ND BOP, NUWH, RIH w/pump and 3/4" rods, hot oil well and seat pump, pump well

Day 8: RDMOL, turn over to pumper, set unit and hook up for Green River Oil production

**RECEIVED** Jun. 22, 2011



<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		<b>FORM 9</b>
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>  Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		<b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> U-5217
<b>1. TYPE OF WELL</b> Gas Well		<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b>
<b>2. NAME OF OPERATOR:</b> THURSTON ENERGY OPERATING		<b>7. UNIT or CA AGREEMENT NAME:</b>
<b>3. ADDRESS OF OPERATOR:</b> 365 W. 50 N. Ste W-8 , Vernal, UT, 84078		<b>8. WELL NAME and NUMBER:</b> DEVILS PLAYGROUND 41-9
<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 0479 FNL 0850 FEL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: NENE Section: 09 Township: 09.0S Range: 24.0E Meridian: S		<b>9. API NUMBER:</b> 43047303390000
<b>9. FIELD and POOL or WILDCAT:</b> DEVILS PLAYGROUND		<b>COUNTY:</b> UINTAH
<b>STATE:</b> UTAH		
<b>11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA</b>		
<b>TYPE OF SUBMISSION</b>	<b>TYPE OF ACTION</b>	
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 7/7/2011	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input checked="" type="checkbox"/> OTHER	
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION	
<input type="checkbox"/> DRILLING REPORT Report Date:	OTHER: <input style="width: 100px;" type="text" value="perforations"/>	
<b>12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.</b>  Please be advised that Thurston Energy only set a CBP to perforate and test the Green River zone. See attached procedure that was followed.		
<b>Accepted by the          Utah Division of          Oil, Gas and Mining          FOR RECORD ONLY</b>		
<b>NAME (PLEASE PRINT)</b> Patti Cox	<b>PHONE NUMBER</b> 435 789-8580	<b>TITLE</b> Business Manager
<b>SIGNATURE</b> N/A	<b>DATE</b> 7/11/2011	

# **Thurston Energy Operating Company, LLC**

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365 West 50 North Suite W-8 • Vernal, UT 84078 USA

Phone 435-789-8580 fax 435-789-8585

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## **Work Over Procedure 41-9 June 14, 2011**

Day 1: Move in workover rig, rig up, bleed off or kill well, POOH w/ 2 3/8 tubing, rig up cutters wireline, RIH w/ gun Perf. 6' @ 4 SPF @ 3839' to 3845', POOH with wireline, rig down wireline. Rig up hot oiler and circulate well over night. (15 hours @ 150 degrees

Day 2: RIH w/ packer set @ 3820', pump for injection rate, unseat packer, POOH with packer, RIH with cement retainer, set at 3820', squeeze 225 sacks cement, POOH, SDFN

Day 3: RIN retrieve cement retainer, drill out cement if needed, POOH and lay down, rig up wireline for cement/bond log. Log.

Day 4: RIH hang off, nipple down BOP, nipple up well head and rig down, move off location.

Day 5: Move in and rig up, nipple down well head, nipple up BOP, POOH, RU wireline to perforate GR at 3754' to 3760', rig down wireline,

Day 6: RIH w/ packer, set and break down w/ 15 bbls. 3% KCL, test and swab

Day 7: unseat packer and POOH, lay down packer, pick up notch collar and perforated joint, seat nipple and RIH w/ 2 3/8 tubing, hang off and nipple down BOP, nipple up well head, RIH with pump and 3/4 rods, hot oil well and seat pump. Pump well.

Day 8: rig down, move off hole and turn over to pumper

\* set unit and hook up for Green River oil



STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

FORM 6

**ENTITY ACTION FORM**

Operator: Thurston Energy Operating Company Operator Account Number: N 2790  
Address: 365 W. 50 N Suite W-8  
city Vernal  
state UT zip 84078 Phone Number: (435) 789-8580

**Well 1**

API Number	Well Name	QQ	Sec	Twp	Rng	County
4304740626	Thurston 10-15-9-24	nwse	15	9S	24E	Uintah
Action Code	Current Entity Number	New Entity Number	Spud Date	Entity Assignment Effective Date		
E	17773	<u>17773</u>		7/11/2011		
Comments: <u>Change formation to WSTC from MVRD</u>				<b>CONFIDENTIAL</b> <u>7/26/11</u>		

**Well 2**

API Number	Well Name	QQ	Sec	Twp	Rng	County
4304730339	Devils Playground 41-9	NENE	9	9S	24E	Uintah
Action Code	Current Entity Number	New Entity Number	Spud Date	Entity Assignment Effective Date		
E	6195	<u>6195</u>		7/7/2011		
Comments: <u>Change Formation from WSTC to GRRV</u>				<u>7/26/11</u>		

**Well 3**

API Number	Well Name	QQ	Sec	Twp	Rng	County
4204740628	Thurston 12-29-9-24	NWSW	29	9S	24E	Uintah
Action Code	Current Entity Number	New Entity Number	Spud Date	Entity Assignment Effective Date		
A			7/5/2011			
Comments: <u>new well</u>				<u>Duplicate - Original processed 7/20/11</u>		

**ACTION CODES:**

- A - Establish new entity for new well (single well only)
- B - Add new well to existing entity (group or unit well)
- C - Re-assign well from one existing entity to another existing entity
- D - Re-assign well from one existing entity to a new entity
- E - Other (Explain in 'comments' section)

Patti Cox

Name (Please Print)

Patti Cox  
Signature  
Business Manager

7/22/2011

Date

**RECEIVED**

**JUL 26 2011**

Effective Date:

9/10/2014

<b>FORMER OPERATOR:</b>	<b>NEW OPERATOR:</b>
Thurston Energy Operating Company P.O. Box 1667 Vernal, UT 84078	Shiny One Operating Company, LLC P.O. Box 1667 Vernal, UT 84078
CA Number(s):	Unit(s):

**WELL INFORMATION:**

Well Name	Sec	TWN	RNG	API	Entity	Mineral	Surface	Type	Status
See attached list									

**OPERATOR CHANGES DOCUMENTATION:**

1. Sundry or legal documentation was received from the **FORMER** operator on: 12/10/2014
2. Sundry or legal documentation was received from the **NEW** operator on: 12/10/2015
3. New operator Division of Corporations Business Number: 5917957-0161

**REVIEW:**

1. Surface Agreement Sundry from **NEW** operator on Fee Surface wells received on: N/A
2. Receipt of Acceptance of Drilling Procedures for APD on: N/A
3. Reports current for Production/Disposition & Sundries: 1/4/2015
4. OPS/SI/TA well(s) reviewed for full cost bonding: 1/4/2015
5. UIC5 on all disposal/injection/storage well(s) approved on: N/A
6. Surface Facility(s) included in operator change: N/A
7. Inspections of PA state/fee well sites complete on (only upon operators request): N/A

**NEW OPERATOR BOND VERIFICATION:**

1. Federal well(s) covered by Bond Number: UTB000181
2. Indian well(s) covered by Bond Number:
3. State/fee well(s) covered by Bond Number(s):  
579-146262-4  
579-146263-2  
579-146264-0  
579-146265-7

**DATA ENTRY:**

1. Well(s) update in the **OGIS** on: 1/4/2015
2. Entity Number(s) updated in **OGIS** on: 1/4/2015
3. Unit(s) operator number update in **OGIS** on: N/A
4. Surface Facilities update in **OGIS** on: N/A
5. State/Fee well(s) attached to bond(s) in **RBDMS** on: 1/4/2015
6. Surface Facilities update in **RBDMS** on: N/A

**LEASE INTEREST OWNER NOTIFICATION:**

1. The **NEW** operator of the Fee (Mineral) wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: 1/4/2015

**COMMENTS:**

From: Thurston Energy Operating N2790  
 To: Shiny One Operating Company, LLC N4185

Effective 10 September 2014

Well Name	Section	TWN	RNG	API	Entity	Mineral	Surface	Type	Status
RED WASH FED 1-18	18	090S	240E	4304730124	6200	Federal	Federal	GW	P
DEVILS PLAYGROUND 41-9	9	090S	240E	4304730339	6195	Federal	Federal	OW	P
DIRTY DEVIL FEDERAL 23-20	20	090S	240E	4304731009	10698	Federal	Federal	GW	P
DIRTY DEVIL 22X-27	27	090S	240E	4304734825	15109	Federal	Federal	GW	P
THURSTON 7-9-9-24 GR	9	090S	240E	4304740625	17771	Federal	Federal	OW	P
THURSTON 10-15-9-24	15	090S	240E	4304740626	17773	State	Federal	GW	P
THURSTON 12-29-9-24	29	090S	240E	4304740628	18119	State	Federal	GW	P
THURSTON 8-9-9-24	9	090S	240E	4304751428	18135	Federal	Federal	OW	P
DEVILS PLAYGROUND 23-17	17	090S	240E	4304730568	6136	Federal	Federal	GW	S
DIRTY DEVIL UNIT 11-29	29	090S	240E	4304731617	9586	State	Fee	GW	S
THURSTON 5-15-9-24	15	090S	240E	4304740627	17772	State	Federal	GW	S

# Delaware

*The First State*

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DEC 30 2014  
PAGE 1  
Div. of Oil, Gas & Mining

I, JEFFREY W. BULLOCK, SECRETARY OF STATE OF THE STATE OF DELAWARE, DO HEREBY CERTIFY THE ATTACHED IS A TRUE AND CORRECT COPY OF THE CERTIFICATE OF AMENDMENT OF "THURSTON ENERGY OPERATING COMPANY, LLC", CHANGING ITS NAME FROM "THURSTON ENERGY OPERATING COMPANY, LLC" TO "SHINY ONE OPERATING COMPANY, LLC", FILED IN THIS OFFICE ON THE TWENTY-FIRST DAY OF AUGUST, A.D. 2014, AT 3:24 O'CLOCK P.M.


AND I DO HEREBY FURTHER CERTIFY THAT THE EFFECTIVE DATE OF THE AFORESAID CERTIFICATE OF AMENDMENT IS THE TENTH DAY OF SEPTEMBER, A.D. 2014.

3972888 8100

141350778

You may verify this certificate online  
at [corp.delaware.gov/authver.shtml](http://corp.delaware.gov/authver.shtml)



  
Jeffrey W. Bullock, Secretary of State  
AUTHENTICATION: 1824738

DATE: 10-30-14

**STATE OF DELAWARE  
CERTIFICATE OF AMENDMENT**

1. Name of Limited Liability Company: Thurston Energy Operating Company, LLC
2. The Certificate of Formation of the limited liability company is hereby amended as follows:

The name of Thurston Energy Operating Company, LLC shall be changed to Shiny One Operating Company, LLC, to be effective September 10, 2014.

IN WITNESS WHEREOF, the undersigned have executed this Certificate on the 20 day of August, A.D. 2014.

By: \_\_\_\_\_

Crystal Meeks  
Authorized Person(s)

Name: Crystal Meeks - Manager

Print or Type



STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

5. LEASE DESIGNATION AND SERIAL NUMBER:

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT or CA AGREEMENT NAME:

8. WELL NAME and NUMBER:

Devil's Playground 41-9

9. API NUMBER:

4-305 E + 09

10. FIELD AND POOL, OR WILDCAT:

1. TYPE OF WELL

OIL WELL ☒

GAS WELL ☐

OTHER

2. NAME OF OPERATOR:

Sting One Operating Company, LLC

3. ADDRESS OF OPERATOR:

CITY Vernal

STATE UT

ZIP 84070

PHONE NUMBER:

435-709-8590

4. LOCATION OF WELL

FOOTAGES AT SURFACE:

COUNTY: Uintah

QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:

9-0905-2400-6195-Federal

STATE:

UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

TYPE OF ACTION

☐ NOTICE OF INTENT  
(Submit in Duplicate)

Approximate date work will start:

☐ SUBSEQUENT REPORT  
(Submit Original Form Only)

Date of work completion:

☐ ACIDIZE

☐ ALTER CASING

☐ CASING REPAIR

☐ CHANGE TO PREVIOUS PLANS

☐ CHANGE TUBING

☐ CHANGE WELL NAME

☐ CHANGE WELL STATUS

☐ COMMINGLE PRODUCING FORMATIONS

☐ CONVERT WELL TYPE

☐ DEEPEN

☐ FRACTURE TREAT

☐ NEW CONSTRUCTION

☒ OPERATOR CHANGE

☐ PLUG AND ABANDON

☐ PLUG BACK

☐ PRODUCTION (START/RESUME)

☐ RECLAMATION OF WELL SITE

☐ RECOMPLETE - DIFFERENT FORMATION

☐ REPERFORATE CURRENT FORMATION

☐ SIDETRACK TO REPAIR WELL

☐ TEMPORARILY ABANDON

☐ TUBING REPAIR

☐ VENT OR FLARE

☐ WATER DISPOSAL

☐ WATER SHUT-OFF

☐ OTHER:

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

EFFECTIVE: 9-10-2014

Thurston energy operating company shall be known  
as sting one operating company, LLC.

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Div. of Oil, Gas & Mining

NAME (PLEASE PRINT)

Crystal Meeks

TITLE

Assistant Manager

SIGNATURE

Crystal Meeks

DATE

12-0-14

(This space for State use only)

APPROVED

JAN 04 2016

DIV. OIL GAS & MINING

BY: Rachel Medina